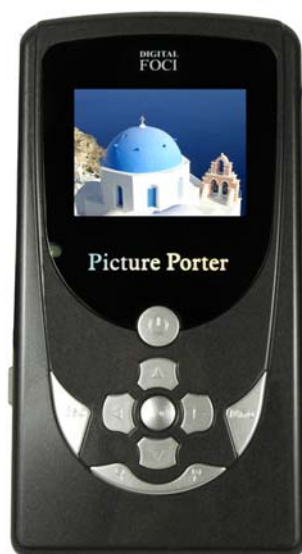


DIGITAL FOCI

Picture Porter

HANDHELD PICTURE VIEWER WITH
HARD DRIVE AND MEMORY CARD READER

User's Guide



Note

Digital Foci, Inc. reserves the right to make improvements and/or changes to the products and programs described in this User's Guide at any time without notice. Please read the entire User's Guide before operating the device.

Digital Foci, Inc. assumes no responsibility for errors or omissions in this User's Guide. Nor does Digital Foci, Inc. make any commitment to update the information contained herein.

Trademarks

Picture Porter and Digital Foci are trademarks of Digital Foci, Inc.

All names and products mentioned within this document are registered trademarks of their respective companies.

©2005 Digital Foci, Inc. All rights reserved. This publication is intended for sole use by the owner of the associated device. Neither this publication nor any part of this publication may be printed and distributed, electronically distributed, reproduced, translated, or reduced to any other electronic medium or machine readable form without the prior written permission of Digital Foci, Inc.

Digital Foci, Inc., 3111 Via Mondo, Rancho Dominguez, CA 90221 USA

Limited Warranty

As the original purchaser of this product, you receive these warranties from Digital Foci, Inc.

Your Picture Porter (hereafter referred to as “Device”) will be free from defects in material and workmanship and will perform in substantial compliance with your user documentation accompanying the Device for 1 year from the purchase date providing proper use of the Device.

Your warranty rights will be honored so long as you read and follow your user documentation for all aspects of operating the Device. Any unauthorized or improper use of the Device may cause your warranty to become void.

If there is a problem or defect with your Device, please contact Digital Foci, Inc.

Disclaimer

This limited warranty is the only warranty Digital Foci, Inc. makes for the Device. To the extent allowed by Law, no other warranty applies, whether expressed, implied, or statutory, including any warranty of merchantability, of fitness for a particular purpose, or of non-infringement. This warranty does not cover accidental damage, wear and tear, or consequential or incidental loss. Under no conditions is Digital Foci, Inc. liable for loss of or damage to, a computer; nor loss of, or damage to, programs, records, or data; nor any consequential or incidental damages, even if Digital Foci, Inc. has been informed of their possibility.

Additional Rights

Some states or countries do not allow exclusion or limitation of incidental or consequential damages, or limitations on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state or country to country.

Caring for Your Picture Porter

To keep Picture Porter in good condition and working properly, follow these basic guidelines:

- Do not drop, jar, bump, shock or expose Picture Porter to severe vibration.
- Do not handle or shake Picture Porter while data is being transferred.
- Do not operate or store Picture Porter in dusty environments.
- Do not leave Picture Porter under direct sunlight, in a parked car, or in other situations where the temperature may be above 140°F (60°C).
- To prevent risk of short circuit and damage, do not expose Picture Porter to liquids, precipitation or moisture.
- To avoid bodily injury or damage to internal components, do not take apart Picture Porter.
- Never force the USB cable if it does not plug in smoothly. Instead, examine the head of the cable to make sure that the plug orientation is correct.
- Never force insertion of the memory card if it does not insert smoothly. Instead, examine to see if the memory card is facing the correct direction.
- Run file management tools such as Scan Disk, Disk Defragmentation, and other similar tools periodically to keep Picture Porter performing at its best.
- Do not insert or remove memory cards or the USB cable while Picture Porter is accessing data.

Table of Contents

1.	<i>Welcome!</i>	1
1.1.	System Requirements for Computer Connection	1
1.2.	Supported Memory Card Formats	1
1.3.	Supported File Formats	2
1.4.	Package Contents.....	2
2.	<i>Getting Started</i>	3
2.1.	Picture Porter Data Flow Overview.....	3
2.2.	Ways to Use Picture Porter.....	4
2.3.	Device Layout.....	5
2.4.	Main Screen.....	6
3.	<i>Basic Operations</i>	8
3.1.	Navigation Mode.....	8
3.2.	Power Management	12
3.3.	Using Memory Cards on Picture Porter.....	14
3.4.	Using Picture Porter with Your Computer	16
4.	<i>How do I...</i>	19
4.1.	Transfer Memory Card Data.....	19
4.2.	View Photos	23
4.3.	Play Video.....	28
4.4.	Play Music	30
4.5.	Manage Files	34
4.6.	Use Additional Features	35
4.7.	Use the Bundled Ulead Software	36
5.	<i>Play through TV or Stereo</i>	38
5.1.	View Photos and Slideshows on TV	38
5.2.	Play Music through Stereo System.....	39
6.	<i>System Options</i>	40

Picture Porter
User's Guide

6.1.	Change System Settings	41
6.2.	Change Display Settings.....	42
6.3.	View Version Information.....	42
7.	<i>Driver Installation</i>	43
7.1.	Windows 2000 (SP 2 or earlier) and Windows 98/SE Driver Installation	43
7.2.	Macintosh OS 8.6 Driver Installation	44
8.	<i>Tips and Techniques</i>	44
8.1.	Renaming Hard Drive and Memory Card Labels.....	44
8.2.	Use Picture Porter as a Backup Device.....	45
9.	<i>Frequently Asked Questions</i>	48
10.	<i>Troubleshooting and Technical Support</i>	51
11.	<i>Appendix – Picture Porter Technical Specifications</i>	53

1. Welcome!

Congratulations on purchasing your Picture Porter – Handheld Picture Viewer with Hard Drive and Memory Card Reader.

Picture Porter is:

- A **palm-sized multimedia center** for enjoying your favorite pictures, videos, and music anywhere you go.
- A **mobile photo album** for taking your picture collection with you and easily sharing them on Picture Porter or on TV.
- A **portable photo storage device** for storing photos while on the road so you can free up memory card space and keep shooting.
- A **multi-format memory card reader** for accessing data from and transferring data to memory cards used in your digital camera, digital music player, mobile phone, and PDA.
- A **portable hard drive** for backing up important files from your computer.
- A **data bridge** for transferring large amounts of data between computers and different operating systems.

1.1. System Requirements for Computer Connection

1) Computer running any of the following operating systems:

- Windows® XP Home/Professional, Windows ME, Windows 2000*, Windows 98/SE*
- Macintosh™ OS 10.1 and higher, OS 9.x, and OS 8.6*
- Linux OS kernel versions 2.4.x and higher

2) One available USB Port

* For Windows 2000 (Service Pack 2 and earlier), Windows 98/SE, and Macintosh 8.6, a CD-ROM drive is required for driver installation.

1.2. Supported Memory Card Formats

Picture Porter has been tested to support the following memory card formats:

- Memory Stick™, MS PRO, MS Duo, MS PRO Duo
- SD Card (SD™) / miniSD with adapter
- MultiMedia Card™ (MMC) / RS-MMC with adapter
- SmartMedia™ (SM)
- CompactFlash® (CF™)
- MicroDrive™ / CompactFlash 2 (CF Type-II)

1.3. Supported File Formats

Picture Porter supports the following file formats:

- Image formats: JPEG, TIFF, BMP, RAW*
- Video formats: MPEG-1, MPEG-4, MJPEG, DivX5.x
- Audio formats: MP3, WMA, AAC, WAV

* Refer to *Section 11 Appendix – Picture Porter Technical Specifications* for details on RAW formats supported.

1.4. Package Contents

Before using your Picture Porter, check that your package contains the following items:

- Picture Porter
- Li-Ion battery
- Remote control
- AC power adapter
- Carrying case
- USB cable
- Video/audio cables
- Earphones
- Resource Disc (includes Ulead® Photo Explorer 8.5 SE, Ulead® Video ToolBox 2, User's Guide, Quick Start Guide, and Driver for Windows 2000, Windows 98/SE, and Macintosh 8.6)
- User's Guide
- Quick Start Guide
- Warranty Card

2. Getting Started

2.1. Picture Porter Data Flow Overview

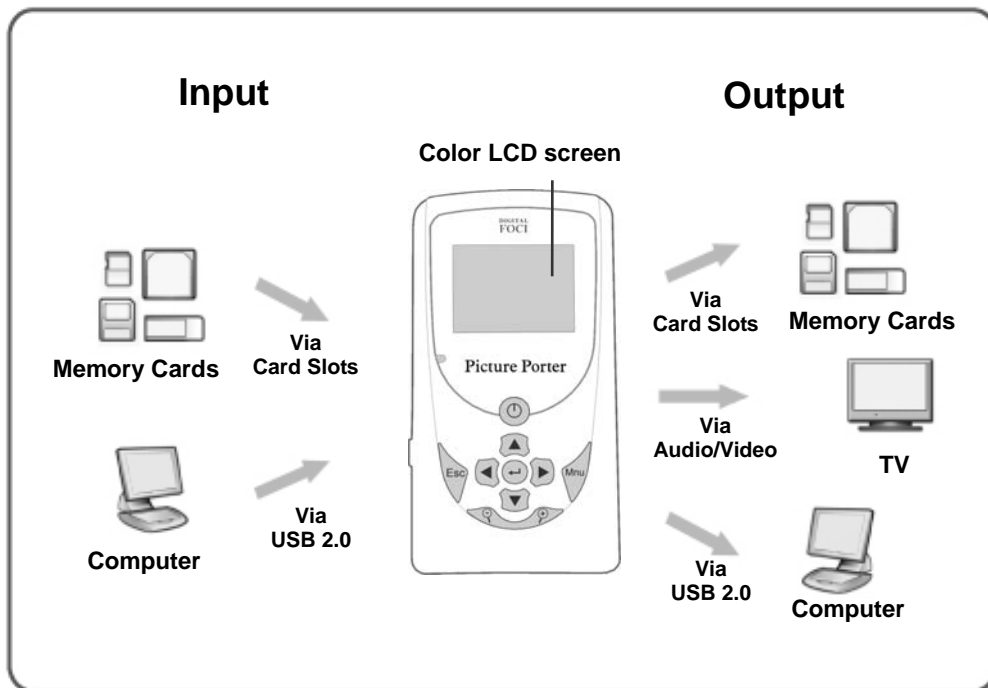
The diagram below is an overview of the Picture Porter data flow:

Inputs:

- From memory cards via card slots
- From computer via USB

Outputs:

- To Picture Porter color LCD screen
- To memory cards via card slots
- To headphones and stereo via audio output
- To TV and projector via video and audio outputs
- To computer via USB



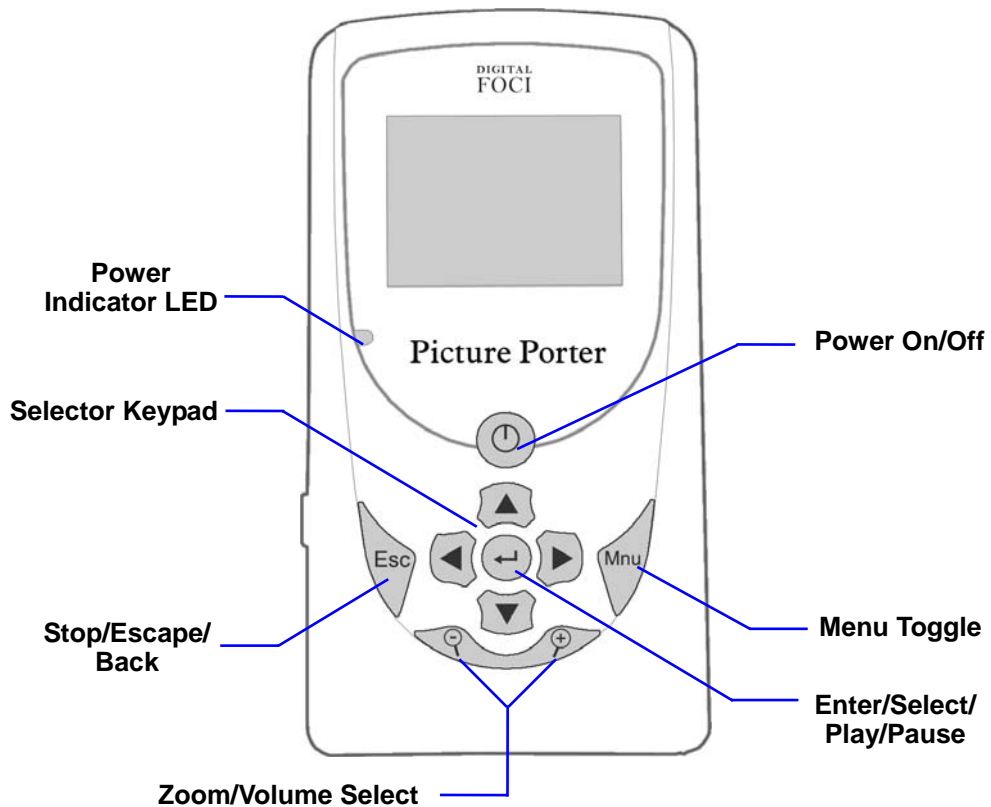
2.2. Ways to Use Picture Porter

Use Picture Porter to enjoy, share, and manage your pictures, videos, music, and other data in many different ways:

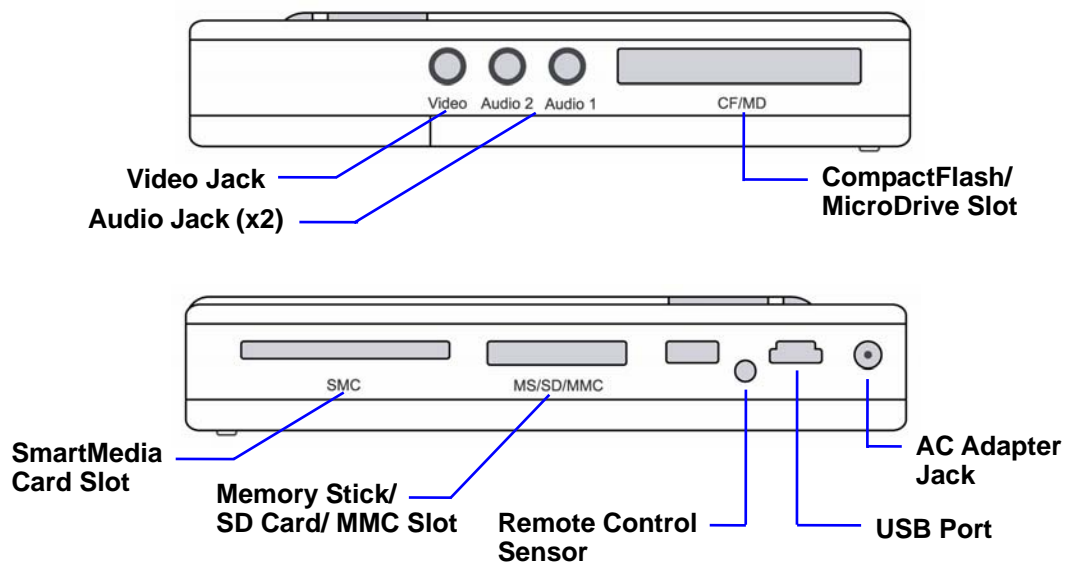
- View photos and videos on Picture Porter:
 - View pictures and videos on Picture Porter's large color LCD display anywhere you go
 - See detailed views of your pictures by using zoom, pan, and rotate functions
 - Organize and view picture slideshows
- View pictures and videos on TV:
 - Connect Picture Porter to TV via video/audio outputs to enjoy and share pictures and videos on a big screen
- Play music files:
 - Play MP3, WMV, AAC, WAV music files whenever you want
 - Create on-the-fly playlists
- Copy and store photos to free up digital camera memory card space:
 - Copy and store photos directly from digital camera memory cards to Picture Porter so you can keep snapping away
- Back up, transport, and archive data:
 - Use Picture Porter as a portable hard drive for backing up important files from your computer
 - Move data between computers with different operating systems by using Picture Porter's USB 2.0 connection as a common bridge
 - Organize and archive your picture, video, and music library on Picture Porter
- Access and transfer memory card data:
 - Use Picture Porter as a multi-format memory card reader to access data from memory cards used in your digital camera, digital music player, mobile phone, and PDA
 - Copy files directly from memory cards to Picture Porter, and vice versa, without needing a computer

2.3. Device Layout

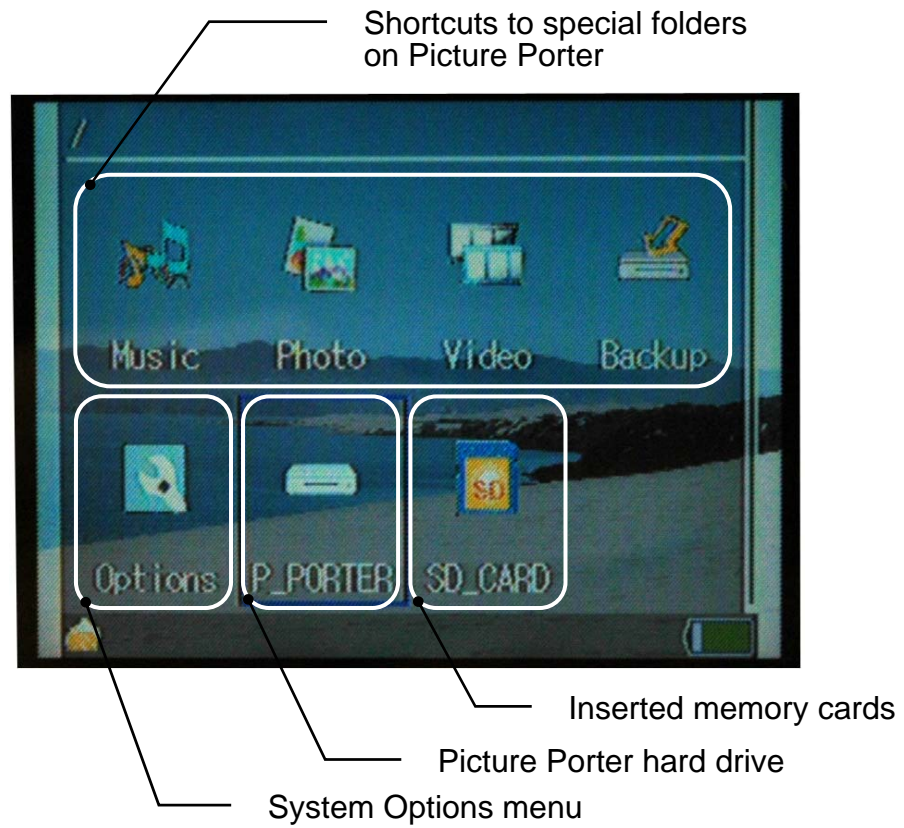
Top View



Side View



2.4. Main Screen



To learn more about changing system options, refer to *Section 6. System Options*.

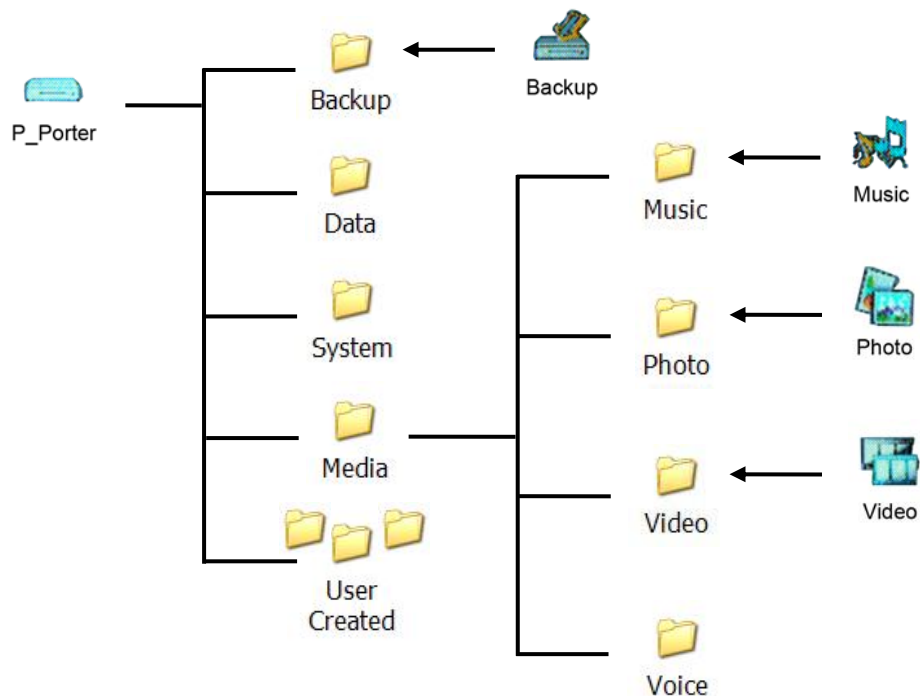
Using shortcuts to special folders

On the main screen you will see the following folder names:

Music – Photo – Video – Backup

By selecting these shortcuts, you will be taken to the folder identified by the same name on the Picture Porter hard drive as shown in the folder structure diagram below.

- Backup: All your memory card copy operations will create new folders that will be located here.
- Music, Photo, Video: You can use these default folders to help you organize your different types of content. By using these folders, you can use the shortcuts for quicker access.



3. Basic Operations

3.1. Navigation Mode

In the main navigation mode you will be able to navigate through all the folders on Picture Porter and the inserted memory cards. You can choose to display the folders and files either in Icon View or List View. Each view option is explained in detail in *Section 3.1.1* and *Section 3.1.2*.

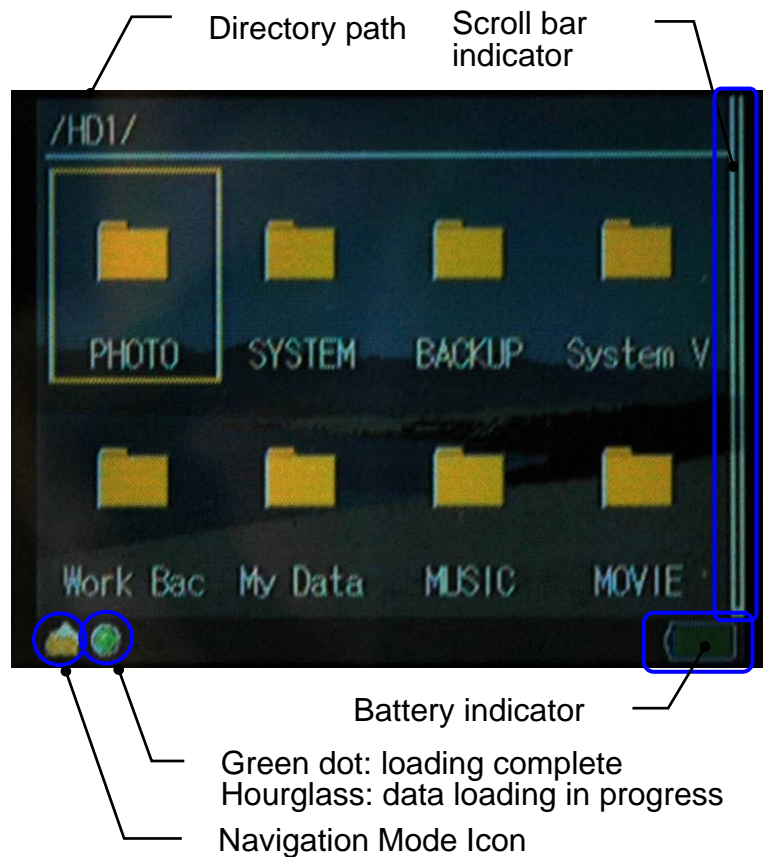
To adjust the navigation view that is most suitable for your usage:

1. From any navigation screen, press the **Mnu** button.
2. Select the view option of your choice.

Note: *Auto View* instructs Picture Porter to automatically select either List View or Icon View based on predetermined settings.

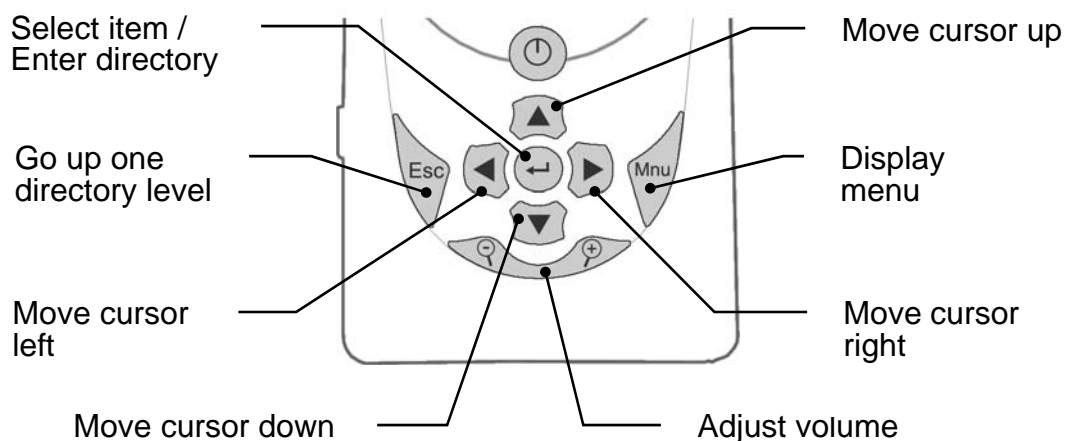
3.1.1. Navigation: Icon View

Icon View shows thumbnails of photo files, and large icons representing each drive, folder, or file on the navigation screen. The file and folder names will be shortened to the first eight characters of the whole name.



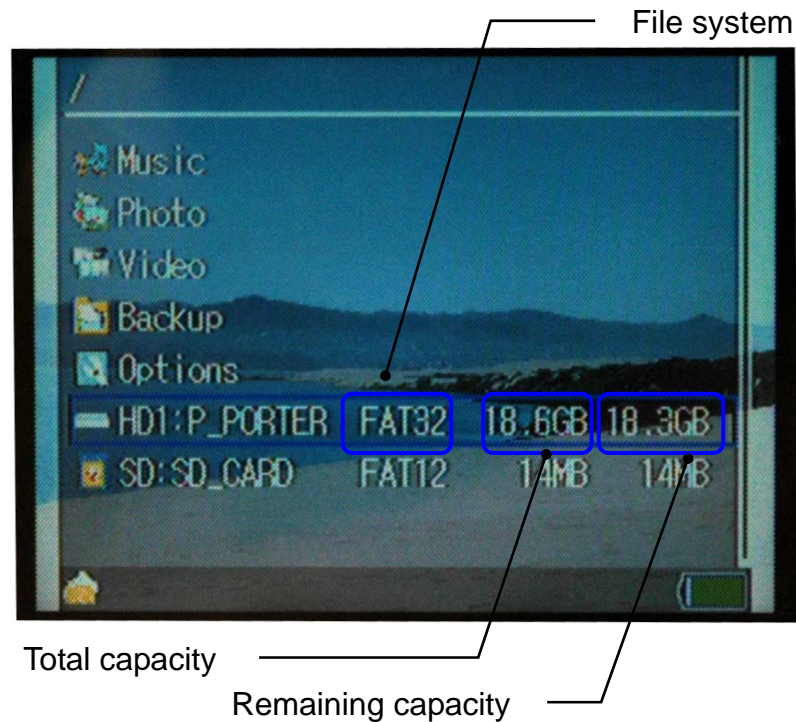
The following diagram explains how to use the navigation control panel when you are in Icon View.

Directory – Icon View: Navigation Keys



3.1.2. Navigation: List View

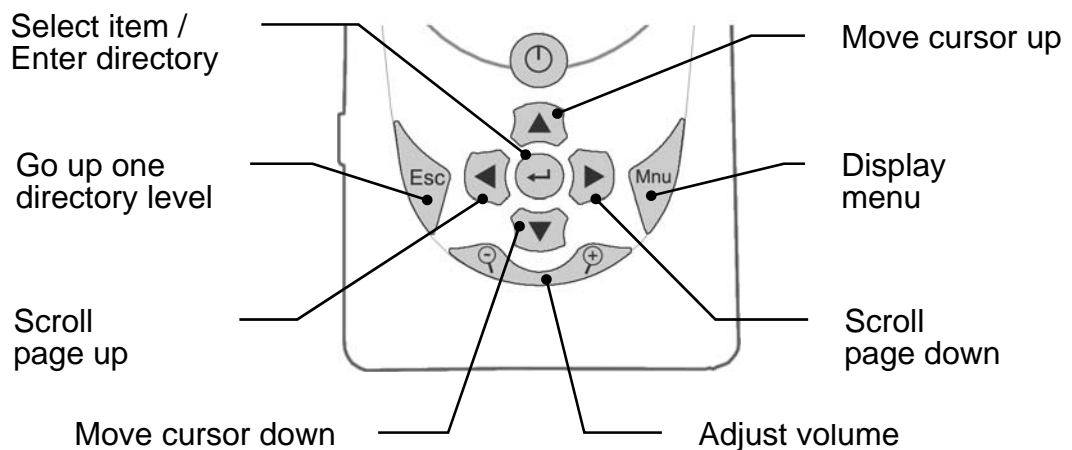
List View shows all folders and files in a vertical list with a small identifying icon representing each drive, folder, or file. For file types that Picture Porter does not support, a question mark icon will be shown.



List View will show information on file systems and capacities for the Picture Porter hard drive and inserted memory cards. You will also be able to see longer file and folder names.

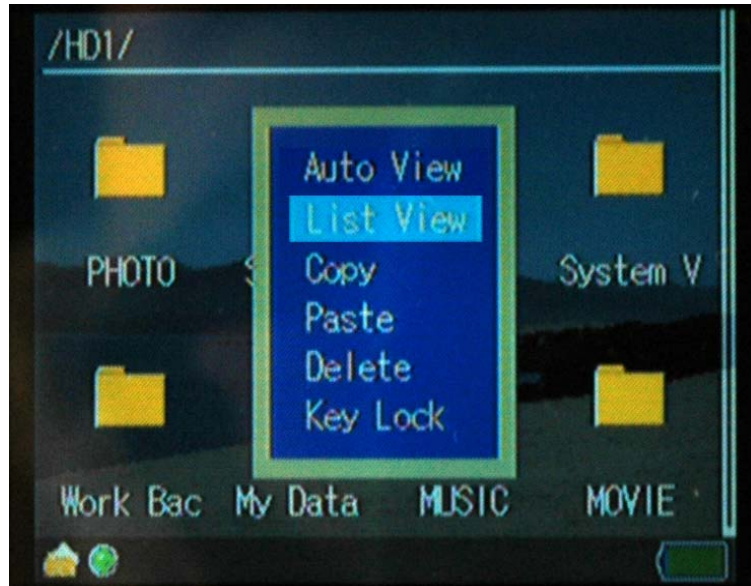
The following diagram explains how to use the navigation control panel when you are in List View.

Directory – List View: Navigation Keys



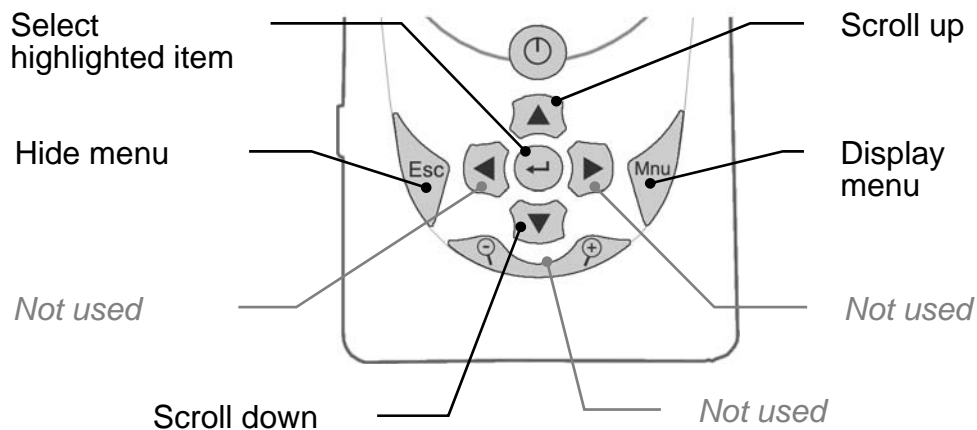
3.1.3. Navigation: Menu

The Menu view allows you to access the menu options available for the current screen by pressing the **Mnu** button. The menu options will be different based on the Picture Porter function you are using.



The following diagram explains how to use the navigation control panel when you are in Menu View.

Directory – Menu View: Navigation Keys



3.2. Power Management

3.2.1. Power On/Off

To turn on Picture Porter, press and hold the On/Off button for 3 seconds. The power LED will light up green and the operating system will initialize the hard drive.

To turn off the device, press and hold the On/Off button for 5 seconds. Picture Porter will shut down and the LED will turn off.

3.2.2. Power Indicator LED

The power indicator LED on Picture Porter indicates its power status.

Green: Picture Porter is powered on and running on battery power.

Red: Picture Porter is off and the battery is charging.

Orange: Picture Porter is powered on *and* charging. The battery indicator at the lower-right corner of the screen will flash to show that it is charging.

When the battery is fully charged and Picture Porter is powered off, the LED indicator will be off.

3.2.3. Charging the battery

Via AC Adapter

Included with Picture Porter is an AC adapter you can use to charge the battery and run Picture Porter from AC power.

For best battery performance, charge Picture Porter for at least 6 hours before first use.

On a full charge, Picture Porter is capable of approximately 3.5 hours of continuous video playback and 7.5 hours of continuous music playback.

Via USB Port

In addition to charging Picture Porter with the AC adapter, Picture Porter can be charged by connecting it to a powered USB port.

You can charge the Picture Porter battery by connecting it to a powered USB port of a computer that is powered on when Picture Porter is not powered on. The Power Indicator LED will be red to confirm that it is charging.

3.2.4. Battery Saving Feature

You can adjust the *Auto Shutdown Timer* in the Picture Porter Options settings to maximize battery life for the usage pattern that best suites your needs. Refer to *Section 6.1 Change System Settings* for more detailed instructions on how to adjust the *Auto Shutdown Timer*.

This feature is disabled when Picture Porter is:

- Running on AC power
- Playing music, video, or slideshow
- Connected to another device via its USB, audio, or video jacks

3.2.5. Low Battery Warning

The green portion of the battery icon at the lower-right corner of the screen indicates how much battery is remaining.

When Picture Porter starts to get low on battery, the battery icon will turn red and continue to decrease.

Note: A full red battery icon indicates that the battery is almost completely empty. You should finish any copy operations and safely turn off Picture Porter or supply AC power immediately to prevent possible data loss.

3.3. Using Memory Cards on Picture Porter

Picture Porter can support memory card access both as a stand alone unit and when connected to the computer.

In both usage modes, you will be able to transfer data back and forth between the Picture Porter hard drive and the inserted memory cards.

3.3.1. Inserting memory cards

Picture Porter has 3 different memory card slots, each designed to support a specified set of memory card formats. Refer to *Section 2.3 Device Layout* for details.

Note: When accessing memory card(s) contents on your computer through Picture Porter, insert the card(s) **AFTER** Picture Porter is connected and all the drives are recognized by your computer.

Below each card slot on Picture Porter, you can see the text labels of the memory card format for the corresponding slot:

- (1) **CF/MD:** supports CompactFlash Type-I and Type-II and MicroDrive formats.
 - (2) **MS/SD/MMC:** supports Memory Stick, MS PRO, MS Duo, MS PRO Duo, SD Card, miniSD with adapter, MultiMedia Card, and RS-MMC with adapter.
 - (3) **SMC:** supports the SmartMedia format.
- For all cards except SmartMedia, insert the memory card into its designated slot with label side facing down.
 - For SmartMedia cards, insert the memory card with the gold connector side facing up.
 - MS Duo and MS PRO Duo cards can be inserted without using an adapter. Since the MS Duo and MS PRO Duo cards are narrower than regular MS cards, **take special care** to center the MS Duo and MS PRO Duo when inserting.

To insert memory cards, push the card in gently until you feel a slight 'click' when the memory card connectors make contact with Picture Porter.

Once the memory card is properly inserted, Picture Porter will display a picture icon of the inserted card on its main screen or, if Picture Porter is connected to your computer, it will display the label of the memory card on the computer screen.



Warning: Take special care to insert the memory card in its designated slot. If the memory card does not slide in easily, double-check that you are inserting it in the correct slot and in the correct manner.

3.3.2. Removing memory cards

To safely remove memory cards from Picture Porter, take special precaution to ensure that there is no data being written to or read from the memory card.

Note: If Picture Porter is connected to your computer, make sure that you disconnect the card from your computer first before removing it from Picture Porter.

To do this in Windows:

1. Open Windows Explorer and locate the icon for the memory card you would like to remove.
2. Right click on the icon and select 'Eject' from the list of options.
3. Safely remove the disconnected card from Picture Porter.



Warning: DO NOT remove memory cards or unplug the device while memory cards are being accessed. Removing memory cards during data transmission may crash your computer and Picture Porter and cause data loss.

3.4. Using Picture Porter with Your Computer

Once connected to your computer, Picture Porter becomes a portable hard drive and a multi-format memory card reader/writer.

3.4.1. Connecting Picture Porter to your computer

1. Connect Picture Porter to your computer using the included USB cable.

Note: It is recommended that you use the AC adapter when Picture Porter is connected to your computer. This will ensure a stable power supply and prevent data corruption resulting from insufficient or unstable power from the computer USB port.

2. Turn on Picture Porter and wait for it to boot up.
3. Picture Porter will display 'Mass Storage Device' and an USB icon at the bottom of its screen to indicate that it is connected to your computer. While it is connected to the computer, the buttons on Picture Porter will be disabled.

Once connected, your computer will automatically recognize* Picture Porter and show five devices on your computer:

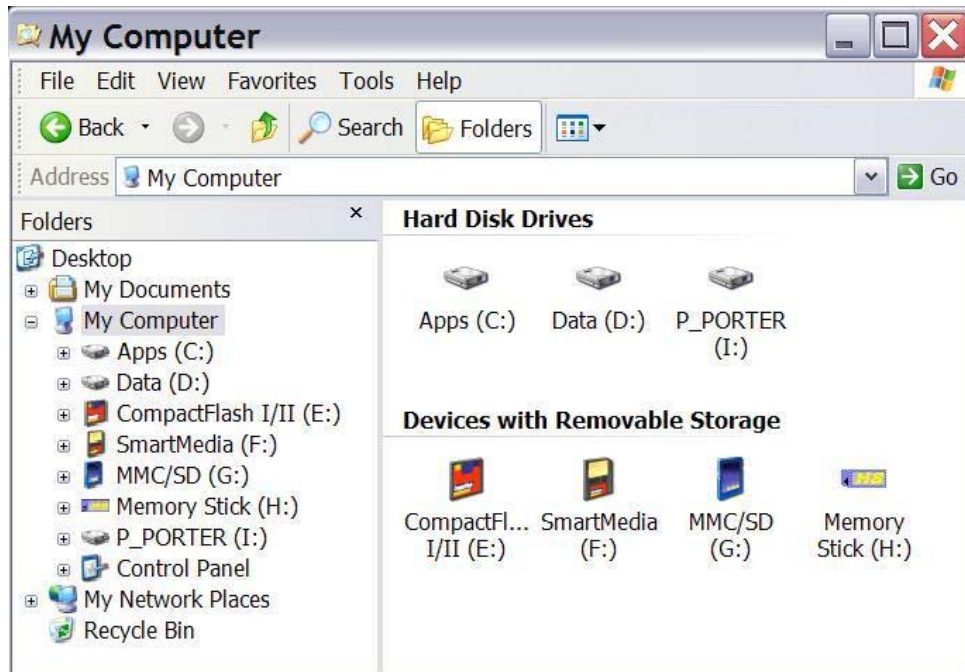
- One hard drive (with device label 'P_Porter')
- Four removable devices (corresponding to the supported memory card formats)

You can access these five devices just as you would any other storage device on your computer.

* For Windows 2000 (SP 2 and earlier), Windows 98/SE, and Mac OS 8.6, the device driver from the Resource Disc must be installed for the computer to recognize and connect Picture Porter. Refer to *Section 7 Driver Installation* for details.

Note: Insert the memory card AFTER Picture Porter has been successfully connected to the computer and all drives are properly mapped in order to ensure accurate drive mapping.

On Windows, after installing the picture icon driver*, the five devices will be displayed like this:



* The picture icon driver is the same driver used for Windows 2000 (SP 2 and earlier) and 98/SE included on the Resource Disc. Although Picture Porter will connect to Windows XP and ME operating systems without any driver installation, installing the driver on these operating systems will create the picture icons for the memory cards as seen in the example.

Note:

- 1) The Picture Porter and memory card icon labels may vary based on each unique device and can be renamed. Refer to Section 8.1 *Renaming hard drive and memory card labels* for details.
- 2) The devices will be listed in this sequence.
Drive letters may vary based on your specific computer configuration.
 - (E:) CompactFlash memory card slot
 - (F:) SmartMedia memory card slot
 - (G:) MMC/SD memory card slot
 - (H:) Memory Stick memory card slot
 - (I:) Picture Porter hard drive

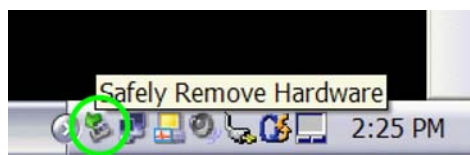
3.4.2. Disconnecting Picture Porter from your computer

To properly remove Picture Porter, disable the device before unplugging it from the computer.

The method to disable the device will vary based on the operating system of your computer. Refer to the instruction manual of your computer for details on how to do this.

Disabling devices in Windows:

1. Locate the 'Safely Remove Hardware' icon in the icon tray at the lower right-hand corner of your computer screen. You can move the mouse pointer over the icons until you see the 'Safely Remove Hardware' label.



2. Double-click on this icon to open the 'Safely Remove Hardware' window.
3. Select the hardware device named 'USB Mass Storage Device'.
4. Click on the Stop button and a confirmation window will appear.
5. Click OK at the confirmation window to confirm the action.
6. Close the 'Safely Remove Hardware' window by clicking on the Close button.
7. Now it is safe to unplug Picture Porter from your computer.



Warning: Unplugging Picture Porter before properly disabling it increases the risk of disrupting data transmission between Picture Porter and your computer. This may crash your computer and Picture Porter and cause data loss.

4. How do I...

This section details step-by-step instructions on how to perform specific functions on Picture Porter. It will explain the navigation control panel and screen information for each mode of operation.

4.1. Transfer Memory Card Data

You can transfer data directly from memory cards to the Picture Porter hard drive and vice versa. Here are some situations where you will find this function useful.

- While on vacation, you can copy pictures directly from your digital camera memory card to free up limited memory card space and keep taking pictures.
- When with family, friends, or co-workers with digital cameras, you can easily get your own copy of their pictures since Picture Porter supports all popular memory card formats.
- You can easily import photos, music, and other files to Picture Porter without needing a computer.
- You can conveniently share your pictures, music, and any other files on Picture Porter with friends by transferring them directly from Picture Porter to their memory cards.

Picture Porter provides you with three methods of copying files from memory cards:

- You can copy the entire contents of a memory card with the *Full Backup* option.
- You can copy only the photo and video files from a memory card with the *Photo Backup* option.
- You can select a specific folder or file to copy.

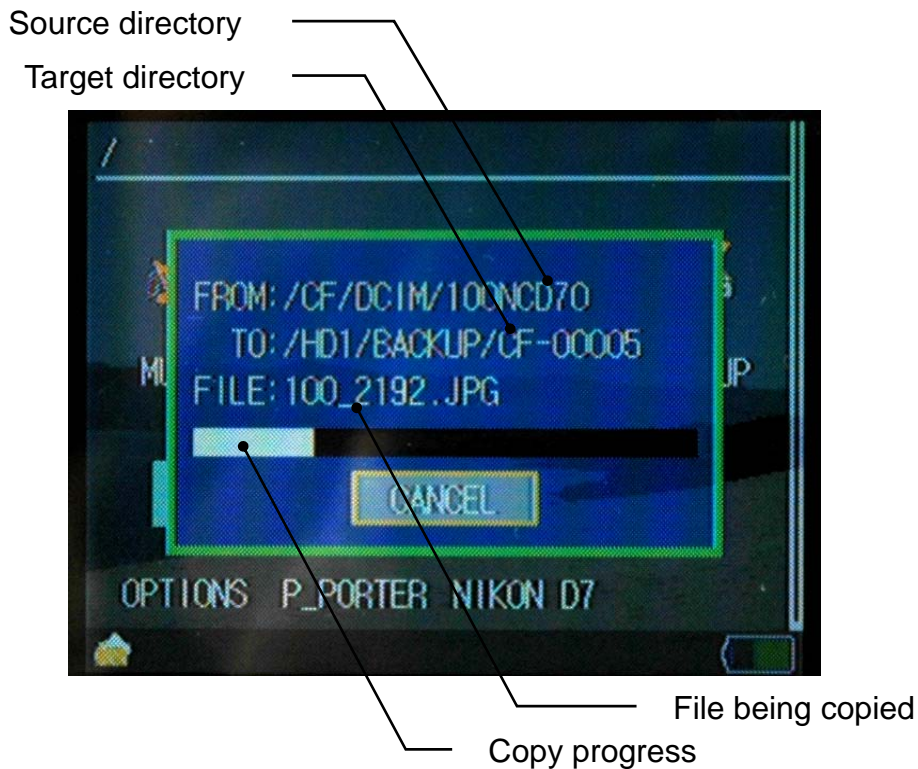


4.1.1. Copy entire memory card contents to Picture Porter

To copy the entire contents of a memory card to Picture Porter:

1. Insert the memory card into the appropriate memory card slot on Picture Porter. Refer to *Section 3.3 Using memory cards on Picture Porter* for details.
2. Once the icon for the inserted memory card appears on the main screen, move the cursor to highlight the memory card icon.
3. Press the **Mnu** button to access the menu options.
4. Highlight **Full Backup** and press the **Enter** button.
5. Select **YES** to confirm the backup folder that will be created. This starts the copy process.

6. During the copy process, the screen will display the following information:



7. The created folder and all copied subfolders and files will be located in the Backup directory of Picture Porter. You can navigate to the Backup folder to access the copied files.

4.1.2. Copy only photos and videos from memory card to Picture Porter

To copy only the photo and video files from a memory card to Picture Porter:

1. Insert the memory card into the appropriate memory card slot on Picture Porter. Refer to *Section 3.3 Using memory cards on Picture Porter* for details.
2. Once the icon for the inserted memory card appears on the main screen, move the cursor to highlight the memory card icon.
3. Press the **Mnu** button to access the menu options.
4. Highlight Photo Backup and press the **Enter** button.
5. Select YES to confirm the backup folder that will be created. This starts the copy process.
6. The created folder and all copied subfolders and files will be located in the Backup directory of Picture Porter.

Note: Picture Porter can only perform this function if there is a DCIM (digital camera images) folder on the memory card. Memory cards that have been used with a digital camera will already have this folder.

4.1.3. Understand Backup folder name assignments

Each time you use the Full Backup or Photo Backup functions on Picture Porter, a new folder will be created on the Picture Porter hard drive to store your copied files.

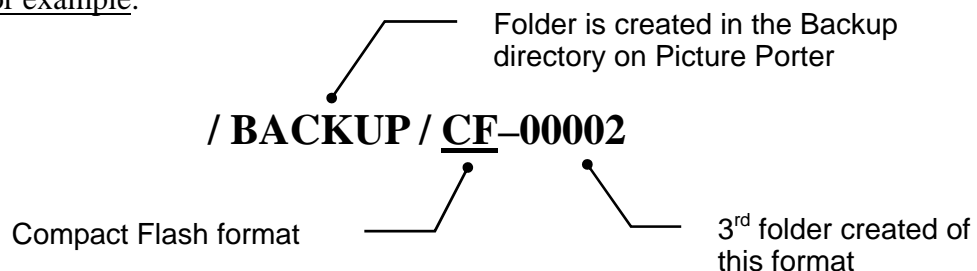
Each 8-character folder name is made up of 2 pieces of information.

- The first few characters will be letters indicating the type of memory card used.
- Those letters are followed by sequential numbers starting from '00' (followed by '01', '02', ...) or '00000' (followed by '00001', '00002', ...) that show the order in which the folders were created.

The memory card types are represented as follows:

- MS = Memory Stick, MS Duo
- MSPRO = MS PRO, MS PRO Duo
- SM = SmartMedia
- SD = Secure Digital
- MMC = MultiMedia Card
- CF = CompactFlash, MicroDirve

For example:



4.1.4. Copy a specific folder or file

You can copy a specific folder or file from the memory card to Picture Porter. When copying a folder, all of the folders, subfolders, and files contained in those folders will be copied.

Refer to *Section 4.5.1 Copy and paste* for detailed instructions.

4.1.5. Copy Picture Porter contents to Memory Card

You can directly copy files stored on Picture Porter onto an inserted memory card.

This function lets you easily share pictures, music, videos, and any other files stored on Picture Porter with other people via memory card transfer without needing a computer.

Refer to *Section 4.5.1 Copy and paste* for detailed instructions.

4.2. View Photos

You can view photos stored on Picture Porter or on inserted memory cards. Picture Porter also lets you rotate, zoom, and pan the photos, view EXIF information, and play photo slideshows.

The following image file formats are supported by Picture Porter:

JPEG – TIFF – BMP – RAW*

* Refer to *Section 11 Appendix – Picture Porter Technical Specifications* for details on RAW formats supported.

4.2.1. Store photos on Picture Porter

You may want to transfer photos onto the Picture Porter hard drive so you can always enjoy and share your photos on the go.

- You can transfer photos directly from a memory card by using the Picture Porter memory card copy function as described in *Section 4.1.1 Copy entire memory card contents to Picture Porter* and *Section 4.1.2 Copy only photos and videos from memory card to Picture Porter*.
- Or, you can import photos from your computer. Refer to *Section 3.4 Using Picture Porter with Your Computer*.

4.2.2. View photos on Picture Porter

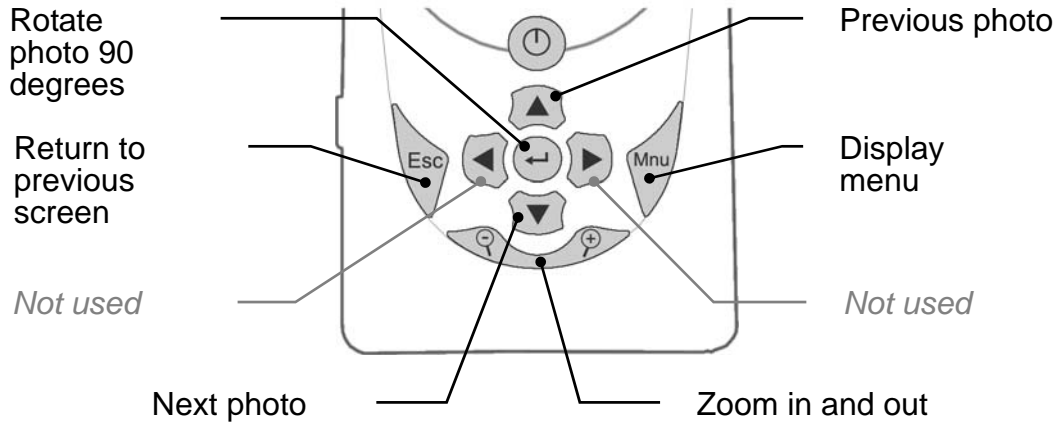
To view photos:

1. Select the folder that contains the photos you want to view.

Note: You can toggle between Icon View and List View by pressing the **Mnu** button and select the desired view option. Icon View is more suitable for viewing pictures because it shows thumbnails of the photos files. Refer to *Section 3.1 Navigation Mode* for more details.

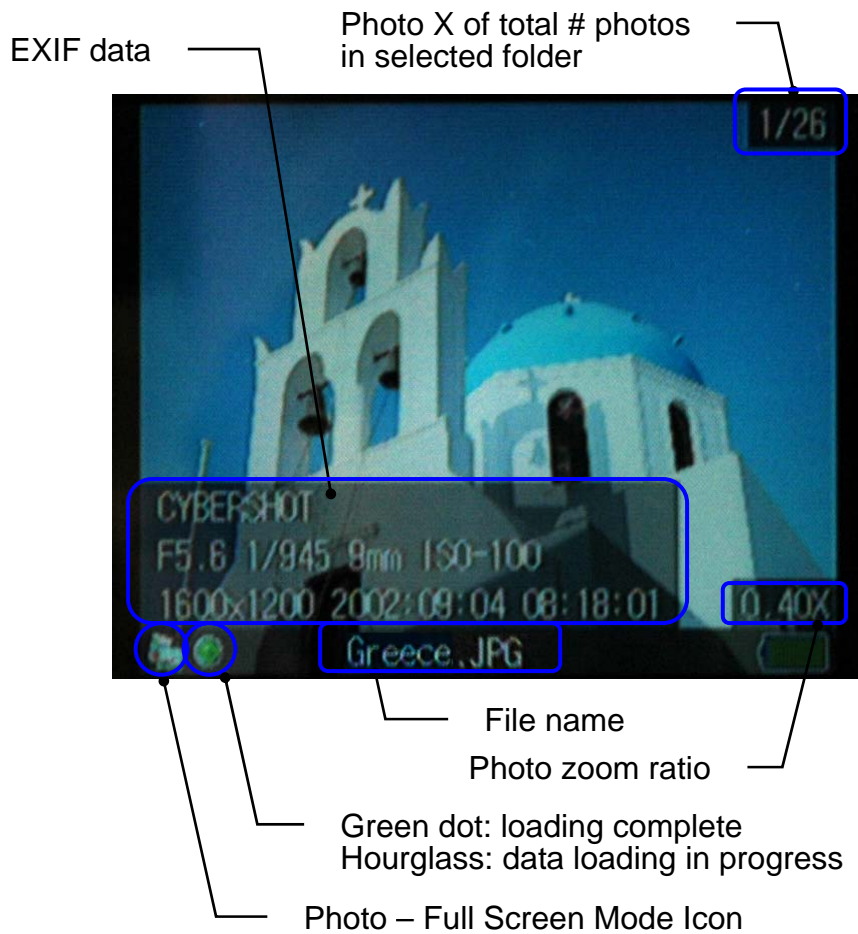
2. Highlight the picture you want to view and press the **Enter** button.
3. Once the picture is displayed, you can scroll through all the other photos in the selected folder:
 - Press the **Down** button to see the next photo.
 - Press the **Up** button to see the previous photo.

View Photo: Navigation Keys



The following diagram describes the screen layout when you are viewing a photo.

View Photo – Full Screen View



4.2.3. Rotate photo

To rotate the photo that you are currently viewing:

1. Press the **Enter** button to rotate it 90 degrees counter-clockwise.
2. Repeat the rotation until you see the view you want.

Once you move to another photo, the rotated photo will return to its original orientation the next time you view it.

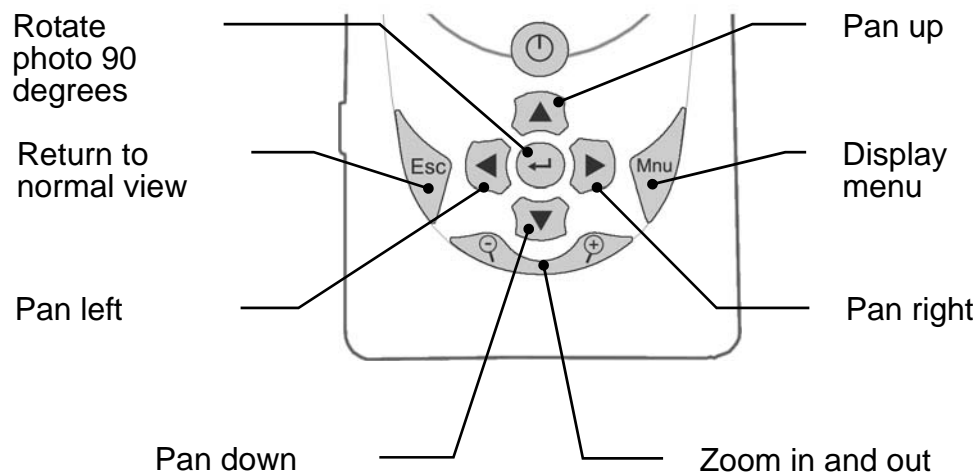
Note: Rotating the photo will only change the display on the Picture Porter screen and will not alter your original photo file.

4.2.4. Zoom and pan photo

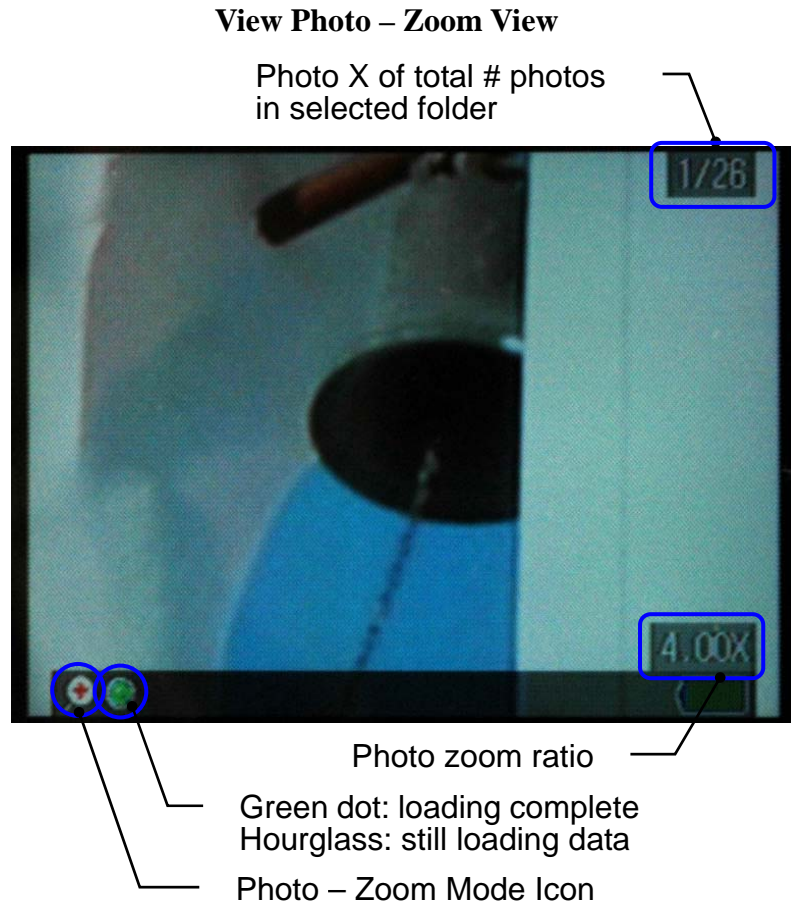
While you are viewing a particular photo, you can zoom and pan to a specific part of the photo.

1. Use the **Zoom in and out** button to increase and decrease the zoom. As you adjust the zoom, the indicator at the lower right-hand corner of the screen will display the level of zoom.
2. Once zooming, you can use the directional arrows to pan the photo and display the desired portion.
3. Press the **Esc** button to return to normal view.

Zoom View: Navigation Keys



The following diagram describes the screen layout when you are in the View Photo – Zoom View.



4.2.5. View EXIF information

EXIF information is additional information associated with each photo that your digital camera captures when you take the photo. It identifies information such as digital camera model, camera settings, exposure, resolution, and date.

While you are viewing a particular photo, you can view its EXIF information by pressing the **Mnu** button and select *Show EXIF*.

To hide the EXIF information, press the **Mnu** button and select *Hide EXIF*.

4.2.6. Play slideshow

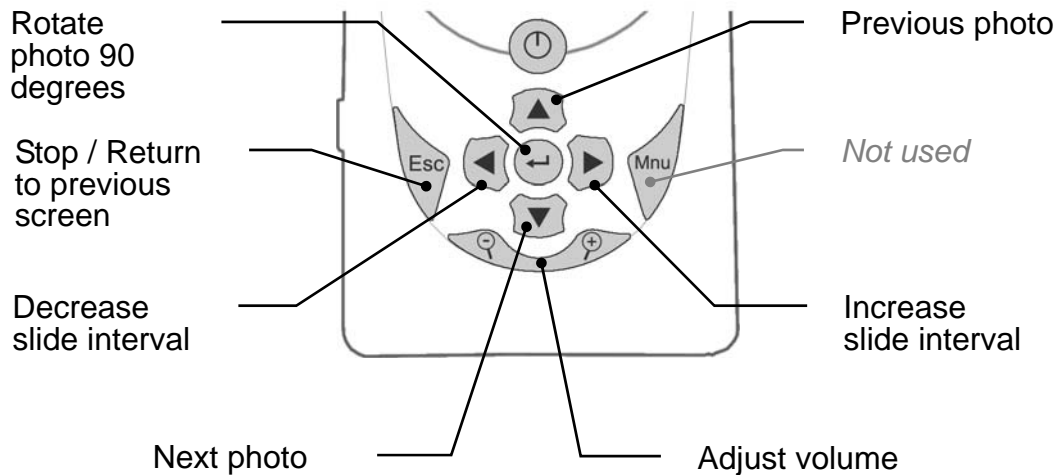
To play all the photos in the selected folder as a slideshow:

1. Select and display the first photo of the slideshow you want to play.
2. Press the **Mnu** button and select *Slide show*.
3. To adjust the time interval between each photo display during the slideshow, press the **Left** and **Right** buttons. You can set the time interval between 1 second to 60 seconds.

4. Press the **Esc** button to end the slideshow and return to the folder view.

Note: You can add background music to your photo slideshow. Refer to *Section 4.4.3 Play music in background* for details.

Play Slideshow: Navigation Keys



The following diagram describes the screen layout when a slideshow is playing.

Play Slideshow

Photo X of total # photos
in selected folder



Green arrow: playing slideshow
Vertical bars: pause
Hourglass: data loading in progress

4.3. Play Video

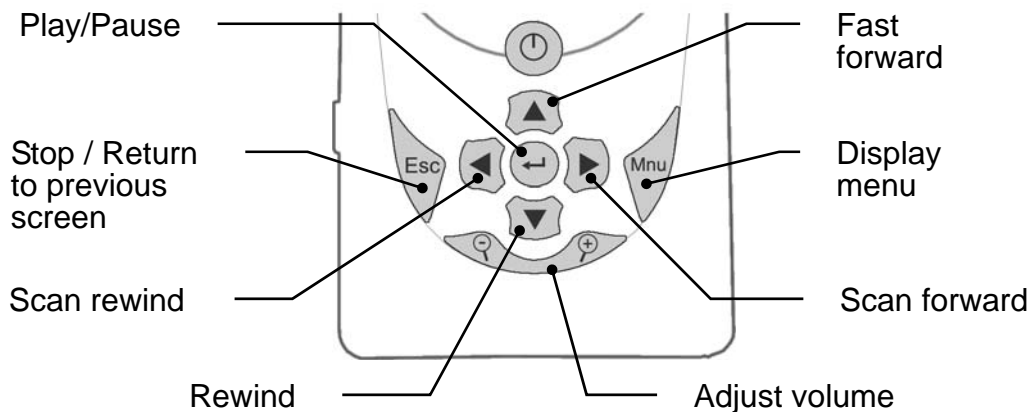
To play videos on Picture Porter:

1. Navigate to and highlight the video file you want to play.
2. Press the **Enter** button to start playing the video file.

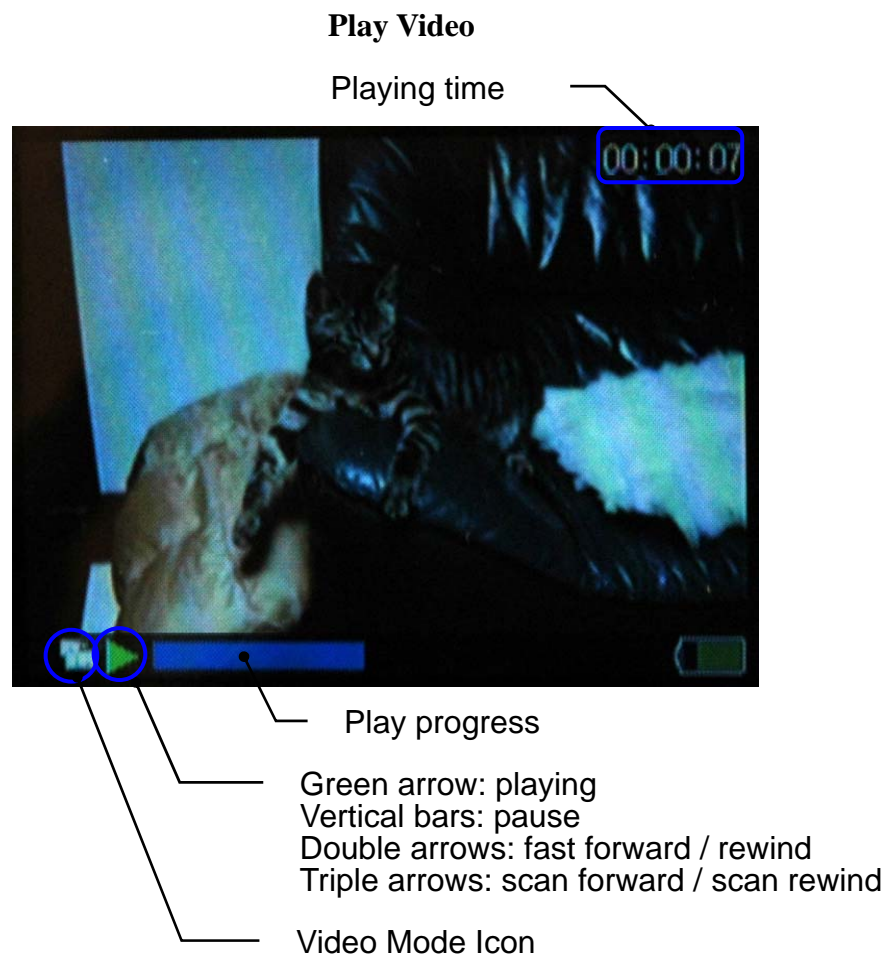
While the video is playing, you can perform the following functions:

- To adjust volume, use the **Volume Select** button at the bottom.
- To toggle between pause and play, press the **Enter** button.
- To fast forward, press the **Up** button. You can increase the fast forward speed by pressing the **Up** button again. To resume playing, press the **Enter** button.
- To rewind, press the **Down** button. Press the **Enter** button to resume playing.
- To scan forward, press and hold the **Right** button. The video will resume normal playing when you release the button.
- To scan rewind, press and hold the **Left** button. The video will resume normal playing when you release the button.
- To stop the video, press the **Esc** button.

Play Video: Navigation Keys



The following diagram describes the screen layout when a video is playing.



4.4. Play Music

Picture Porter can be used to playback music files that are stored on its hard drive or from memory cards. You can listen to the songs by plugging in the earphones to Picture Porter or by connecting Picture Porter to a stereo or set of external speakers.

The following music file formats are supported by Picture Porter:

MP3 – WMV – AAC – WAV

4.4.1. Store music on Picture Porter

You can organize your music files by arranging them in different folders. This will make it easier for you to search through and find the songs you want to play.

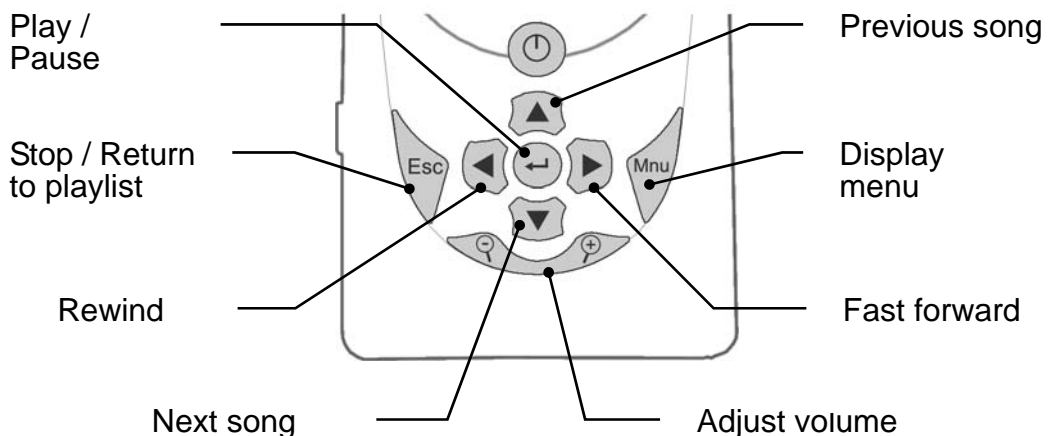
- You can transfer music files directly from a memory card to Picture Porter by using the memory card copy function. Refer to *Section 4.1 Transfer Memory Card Data* for instructions.
- Or, you can transfer music files from your computer. Refer to *Section 3.4 Using Picture Porter with Your Computer* for instructions.

4.4.2. Play music on Picture Porter

To play music on Picture Porter:

1. Navigate to and highlight the song you want to play.
2. Press the **Enter** button to start playing the song.

Play Music: Navigation Keys

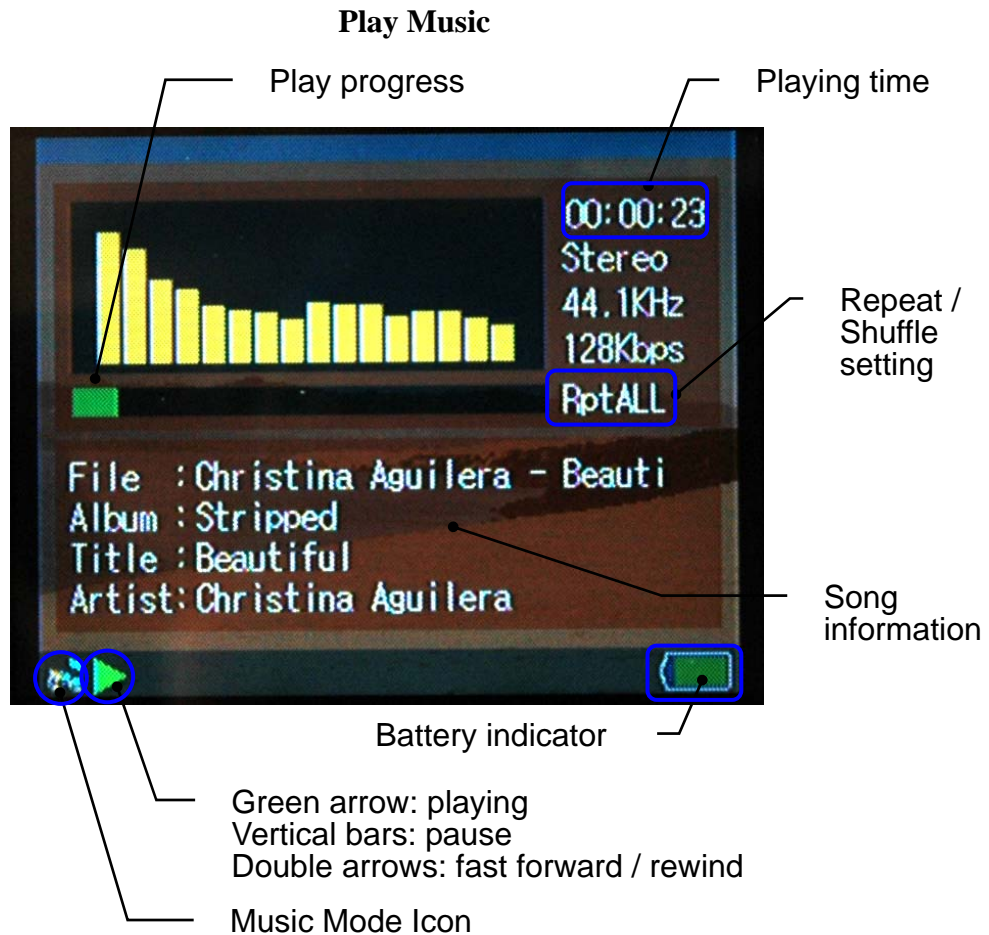


While the music is playing, you can perform the following functions:

- To adjust volume, use the **Volume Select** button at the bottom.
- To toggle between pause and play, press the **Enter** button.
- To skip to the next song, press the **Down** button.
- To play the previous song, press the **Up** button.

- To fast forward the song, press and hold the **Right** button.
- To rewind the song, press and hold the **Left** button.
- To stop playing the song, press the **Esc** button.

The following diagram describes the screen layout when you are playing music.



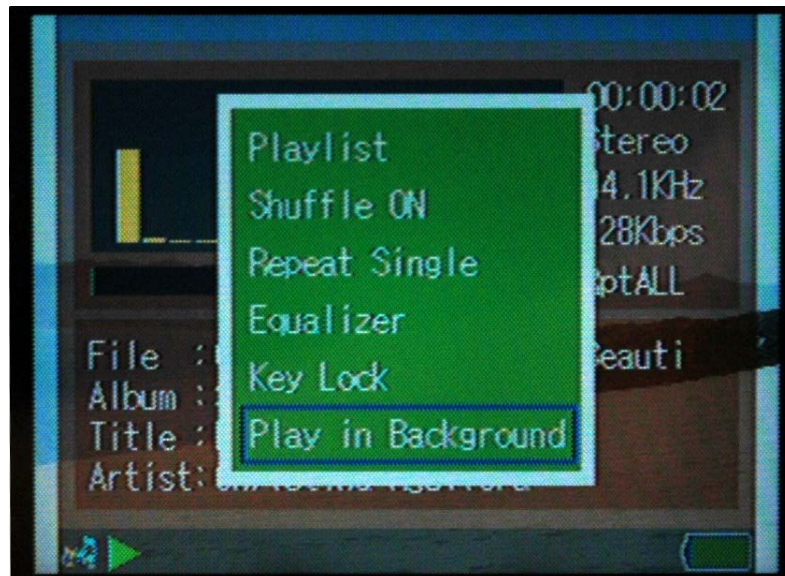
As the song is playing you can press the **Mnu** button to access different playback options:

Playlist shows the current list of songs that will be played and the sequence in which they will be played. While accessing the play list, you can skip to any song you choose by highlighting it and pressing the **Enter** button.

Shuffle On / Shuffle Off toggles between playing songs in a random order or in the order shown on the playlist. Highlight and press the **Enter** button to change the setting.

Repeat Single / Repeat All toggles between repeating the current song and repeating the entire list of songs in the folder. Highlight and press the **Enter** button to change the setting.

Equalizer lets you select the equalizer mode from: normal, bass, classic, dance, live, rock, and treble.



4.4.3. Play music in background

You can have music playing in the background as you continue to use other functions on Picture Porter. For instance, you can play background music while you are viewing photos or slideshows.

To use this feature:

1. Navigate to and highlight the song you want to play.
2. Press the **Enter** button to start playing the song.
3. Press the **Mnu** button and select Play in Background to hide the jukebox screen display.

Note: This will return you to the navigation mode and set all the songs in the selected folder as the on-the-fly playlist.

4. You can now navigate through the folders, play photos, and play slideshows with music playing in the background.
5. To return to the play music screen, press the **Mnu** button and select Jukebox.

4.4.4. Create on-the-fly playlist

To add songs to the on-the-fly playlist that you have playing in the background, follow these instructions:

1. With music playing in the background, navigate to the folder containing the song that you want to add to the current playlist.
2. Highlight the song you want to add.
3. Press the **Mnu** button and select Add to Playlist.
4. Repeat steps 2 and 3 to add more songs.

The songs selected have been added to the on-the-fly playlist and will play in the order added.

To view the on-the-fly playlist while you have music playing in the background:

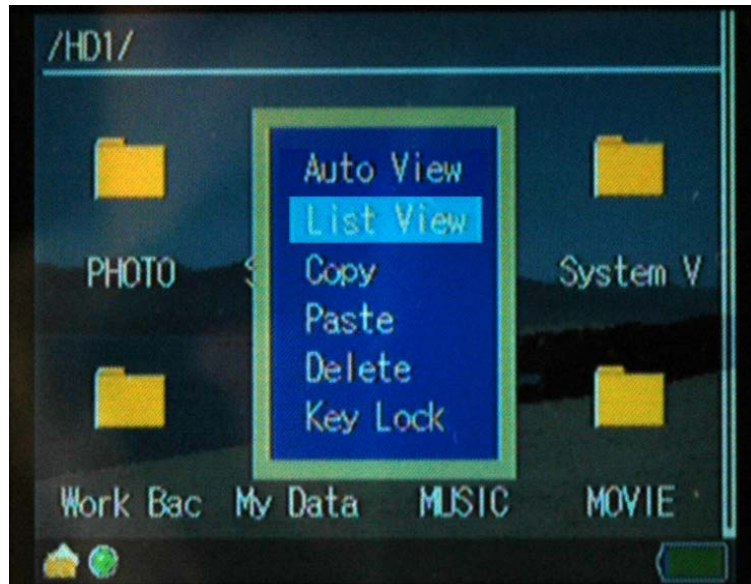
1. From any screen, press the **Mnu** button and select Jukebox. This returns you to the jukebox screen display.
2. Press the **Mnu** button again and select Playlist. The screen will now display the on-the-fly playlist.
3. To play a specific song in the on-the-fly playlist, highlight the desired song and press the **Enter** button.
4. To hide the on-the-fly playlist, press the **Esc** button.

To stop playing music:

1. Enter the play music mode. If you are in the navigation mode, press the **Mnu** button and select Jukebox.
2. Press the **Esc** button to stop music.

Note: Once the music is stopped, the on-the-fly playlist will be cleared from memory and disappear.

4.5. Manage Files



4.5.1. Copy and paste

This operation will allow you to copy your photos, videos, music and other files to another location. You can perform the Copy and Paste operation on Picture Porter, on or between inserted memory cards, or between Picture Porter and an inserted memory card.

Note: You can perform the Copy and Paste operation on both individual files and entire folders. When copying and pasting a folder, all of the folders, subfolders, and files contained in those folders will be copied and pasted.

1. Navigate to and highlight the file or folder you want to copy.
2. Press the **Mnu** button and select Copy. This will make a copy of the highlighted file or folder and put it in an internal temporary clipboard location.
3. Press the **Enter** button to confirm when the confirmation message 'Copied to Clipboard' pops up.
4. Next, navigate to the folder location where you want to place the copied file or folder.
5. Press the **Mnu** button and select Paste.
6. At the confirmation message, 'Paste from clipboard?' press the **Enter** button to confirm.

The copied file now exists in both the original folder and the target folder. If you would like to remove the file from the original folder, navigate back to the original folder and perform a delete file operation. Refer to *Section 4.5.2. Delete file* for more details.

4.5.2. Delete file

This operation will allow you to delete individual files and folders. You can perform this action on both Picture Porter and inserted memory cards.

1. Navigate to and highlight the file or folder you want to delete.
2. Press the **Mnu** button and select *Delete*.
3. At the confirmation message, '*Delete file?*' select Yes and press **Enter** to confirm the deletion.

The file or folder and all its contents are now deleted.

4.6. Use Additional Features

4.6.1. Set background image

You can change the background image on Picture Porter to any picture of your choice.

1. Navigate to and highlight the photo you want to make into the background image.
2. Press the **Enter** button to view the highlighted photo.
3. Press the **Mnu** button and select *Set as Background*.

The selected image will now become the background image on Picture Porter.

Note: Once the background image is changed, the only way to revert to the original background image is to load the original photo file from the Resource Disc and perform this operation on that file.

On the Resource Disc, there is a folder called Background Images that contains the default background image and other images you can load onto Picture Porter.

4.6.2. Set key lock

You can lock the control keys to prevent accidentally pushing any buttons.

1. From any navigation screen, press the **Mnu** button.
2. Select *Key Lock*.

To unlock the keys, first press the **Mnu** button, then press the **Esc** button. These instructions are also shown on the bottom of the screen.

4.6.3. Reset Picture Porter

In the case that Picture Porter encounters an illegal operation and freezes, you can reset it by pressing the reset button. This button is located in the pinhole at the upper-right corner on the back of Picture Porter. Press the reset button by using a paper clip or similar pointy object.

This will reset the operating system. You can power on Picture Porter and return to normal operations.

4.7. Use the Bundled Ulead Software

Picture Porter comes with easy-to-use and powerful Ulead image and video editing software to help you get the most out of Picture Porter.

Reference the Ulead online help included in the software applications or www.ulead.com for more information about these applications.

4.7.1. Ulead Photo Explorer 8.5 SE

Photo Explorer 8.5 SE is a great tool that helps you manage your digital pictures, video, and music.

For example, you can use Photo Explorer to enhance and edit your photos, organize photos by date, and create slideshows composed of pictures from different sources.

Moreover, by using the Slideshow 'Export Video File' option, you can easily convert your Photo Explorer slideshow into a MPEG video file that you can playback on your Picture Porter.

Creating Slideshow in MPEG Format

To create a slideshow with Photo Explorer 8.5 SE follow these steps:

1. Run Ulead Photo Explorer 8.5 SE on your computer.
2. From the menu bar at the top of the Photo Explorer 8.5 SE window, select 'Tools > Slideshow'.
3. Click and drag your slideshow pictures to the staging area at the bottom of the window.
4. When you have finished selecting all of your pictures, select 'Video > Convert Images to Video...'.
5. Set the duration (in seconds) you would like each picture to be displayed and click 'Next'.
6. When the 'Save Video File' window appears, select 'Options...'.
7. When the 'Video Save Options' window appears, select the 'Compression' tab.
8. Under 'Media type:', select 'NTSC VCD' in the drop-down list box and click 'OK'.
9. Select the location you would like to save the file, type in your desired file name, and click 'Save'.

Once the file has finished saving, you can transfer it to Picture Porter for playback.

4.7.2. Ulead Video ToolBox 2

Video ToolBox 2 is a powerful tool which lets you convert almost any video format into a format supported by Picture Porter.

For added ease of use, all of the default MPEG-1, MPEG-4, and DivX 5.x formats on Video ToolBox 2 are supported by Picture Porter.

In addition, you can use Video ToolBox 2 to edit your video files. For example, you can add transition effects to your video, create text titles, and insert voiceovers to your video clips.

5. Play through TV or Stereo

You can connect Picture Porter to a TV with its video and audio outputs to enjoy and share pictures and videos on a big screen.

Also, you can connect Picture Porter to a stereo or set of external speakers and play the music files stored on Picture Porter.

5.1. View Photos and Slideshows on TV

5.1.1. Connect Picture Porter to TV

Use the included video and audio cables to connect Picture Porter to your TV.

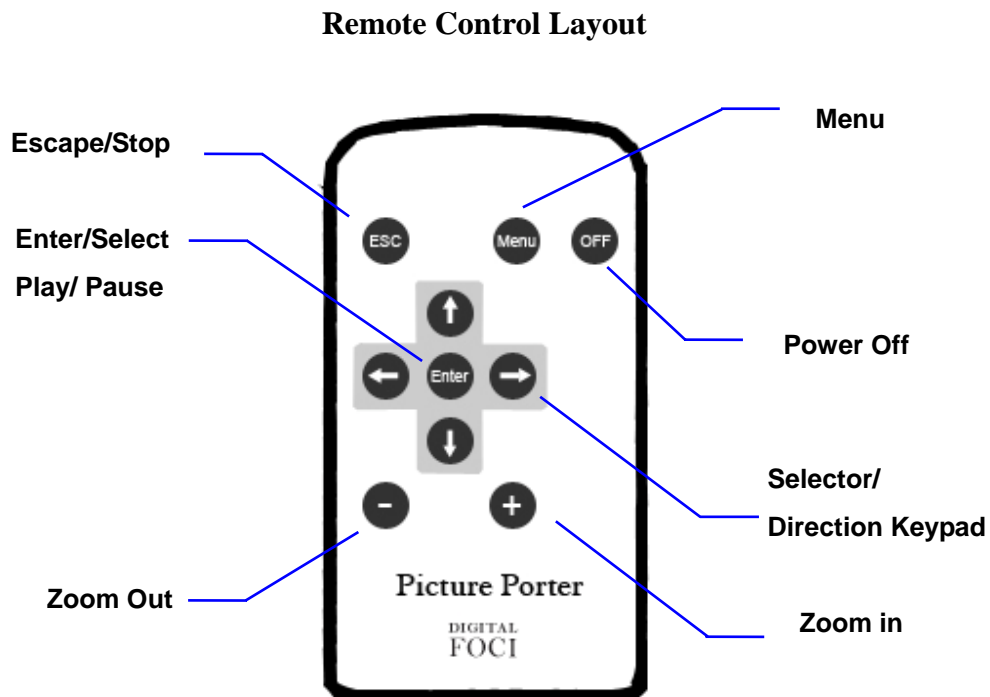
1. Connect the audio connectors (colored white and red) to the audio input jacks of the TV. Connect the other end of the audio cable into either earphone jack labeled 'Audio 1' or 'Audio 2' on Picture Porter.
2. Connect one end of the video cable (colored yellow) to the video input jack of the TV. Connect the other end of the cable into the jack labeled 'Video' on Picture Porter.
3. Turn on Picture Porter and the TV. On the TV, select the proper video mode for the input that Picture Porter is using.
4. Use either the Picture Porter remote control or the control panel on Picture Porter to operate the device.

Note: When Picture Porter is connected to the TV, use both the TV volume control and the Picture Porter volume control to find the most suitable volume setting.

5.1.2. Remote control

When Picture Porter is connected to the TV, you can operate the device as you normally do using the control panel on Picture Porter.

In addition, you can use the included remote control for added convenience. The following diagram explains how to use the remote control.



The remote control layout is exactly the same as the button layout on Picture Porter. Refer to *Sections 3 and 4* for details on how to use these controls.

5.2. **Play Music through Stereo System**

To play music files stored on Picture Porter through a stereo or set of external speakers:

1. Connect the audio connectors (colored white and red) to the audio input ports on a stereo or set of external speakers.
2. Connect the other end of the audio cable into either headphone jack labeled 'Audio 1' or 'Audio 2' on Picture Porter.
3. You can now play the music files stored on Picture Porter through the stereo or set of external speakers using the control keys on Picture Porter.

Note: When Picture Porter is connected to the stereo system, use both the TV volume control and the Picture Porter volume control to find the most suitable volume setting.

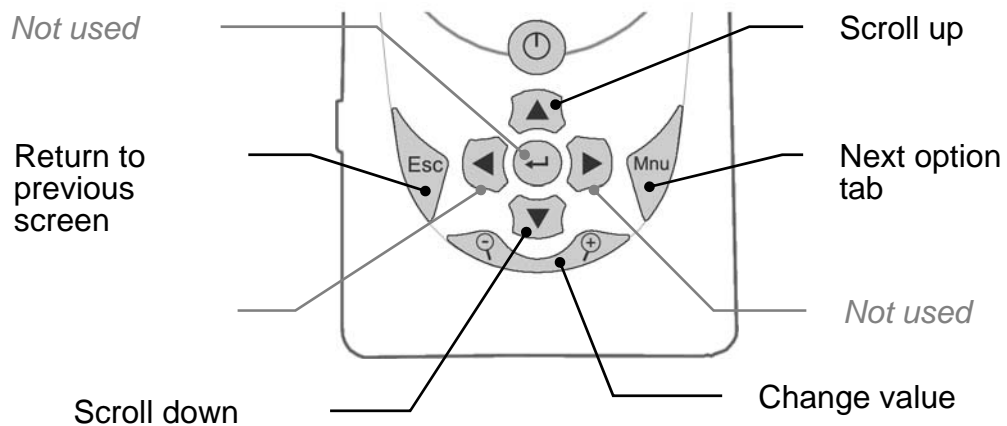
6. System Options

This section explains how you can use the System Options to change system settings and access device information. By adjusting the system settings to your unique preferences, Picture Porter will be able to provide optimal performance for your needs.

From the main menu, highlight Options and press the **Enter** button to access the option screens. Use the **Mnu** button to change tabs between: System, Display, and Version.



The following diagram explains how to use the navigation control panel when you are in the System Options screen view:



6.1. Change System Settings

Press the **Mnu** button until System is highlighted to access the System Settings screen.

Each of the System Settings options is explained below.

- Language: Select among 10 different display languages for the user interface.
- Auto Shutdown Timer: Adjust the amount of idle time allowed before Picture Porter automatically shuts down to save battery life. You can set the timer to a value between 1 minute and 30 minutes or *Off*. Select *Off* to disable this feature.
- Copy Speed (HD): Select copy speed among Normal, High, and Ultra. These different copy speed settings let you utilize the newest technology to optimize your hard drive copy speed. Note that if you select High or Ultra and have an incompatible device, you may lose data in the copy process.
- Copy Speed (CF): Select copy speed among Normal, High, and Ultra. These different copy speed settings let you utilize the newest technology to optimize your Compact Flash memory card copy speed. Note that if you select High or Ultra and have an incompatible CF card, you may lose data in the copy process. If you are using a CF card that does not support high data transfer rate, you should select *Normal*.
- Format Hard Disk: Format the Picture Porter hard drive.



Warning: Formatting Picture Porter will *erase all data* stored on the device. Picture Porter is provided to you pre-formatted and ready to use. It is strongly recommended that you DO NOT format Picture Porter.

6.2. Change Display Settings

Press the **Mnu** button until Display is highlighted to access the Display Settings screen.

Each of the Display Settings options is explained below.

- *File View Mode*: Select among *Icon View*, *List View*, and *Auto View*.
 - *Icon View* shows thumbnails of photo files, and large icons representing each drive, folder, or file on the navigation screen.
 - *List View* shows all folders and files in a vertical list, information on file system and capacity, and displays longer file and folder names.
 - *Auto View* automatically selects the more appropriate view based on predetermined settings.
- *Screen Saver Timer*: Adjust the device idle time after which Picture Porter shuts off the screen and goes into standby mode. You can set the timer to a value between 5 seconds and 180 seconds or *Off*. Select *Off* to disable this feature.
- *LCD Backlight*: Adjust the brightness of the display to a value between -9 and +9.
- *TV Standard*: Switch between NTSC or PAL standard.

Note: NTSC and PAL refer to television broadcast standards. All televisions purchased and used in the US use the NTSC standard. While traveling in foreign countries, you may need to change this setting to PAL when connecting Picture Porter to a TV in that country.
- *Cursor Color*: Choose your preferred cursor color.

6.3. View Version Information

Press the **Mnu** button until Version is highlighted to access the Version Information screen.

On this screen, you can view technical information such as the current firmware version on your Picture Porter.

7. Driver Installation

Driver installation for Window XP and ME is *not required* for you to connect Picture Porter to your computer. But, in order for your computer to display the picture icons for the Picture Porter memory card slots, you will need to install the driver from the Resource Disc.

For computers running on Windows 2000 (Service Pack 2 or earlier), Windows 98/SE, and Mac OS 8.6, driver installation is required.

7.1. Windows 2000 (SP 2 or earlier) and Windows 98/SE Driver Installation

1. Close all programs running on your computer.
2. Insert the Picture Porter Resource Disc into the CD-ROM drive.
3. Double-click on *My Computer* and locate the Resource Disc.
4. From within the Resource Disc, double-click on 'Install Windows Drivers.exe' to begin driver installation.
5. Follow the installation instructions on the Install screens.
6. Restart your computer after installation is completed.
7. Once your computer has restarted, connect Picture Porter to your computer with the USB cable. Your computer will recognize Picture Porter as a Hard Disk Drive and 4 removable drives and create an icon for each in Windows Explorer.



Note: The drive letters are automatically assigned and may vary depending on your computer configuration.

7.2. Macintosh OS 8.6 Driver Installation

1. Close all programs running on your computer.
2. Insert the Picture Porter Resource Disc into the CD-ROM drive.
3. Locate the installation program within the 'Mac' folder in the 'Drivers' folder on the Resource Disc and follow the installation instructions.
4. Restart your computer after installation is completed.

8. Tips and Techniques

8.1. Renaming Hard Drive and Memory Card Labels

You can rename the Picture Porter hard drive and memory cards inserted in its memory card slots to further personalize your Picture Porter. This makes it easier to find the Picture Porter hard drive and memory cards when Picture Porter is connected to your computer.

To do this:

1. Connect Picture Porter to your computer. Refer to *Section 3.4.1. Connecting Picture Porter to your computer* for details.
2. Use your computer's file management program to rename the *volume label* of the device you would like to rename. The way to do this will vary based on the operating system of your computer.

For Windows:

- 1) Open Windows Explorer.
- 2) Locate and right-click on the device you want to rename.
- 3) Select *Rename* from the list.
- 4) Type in your desired name and press Enter.

Note: At step #3, you can also select *Properties* instead of *Rename*.

Note: For memory cards, the renaming will apply to the specific memory card. So if you rename a particular memory card 'My Card' that name will be applied to that memory card only. If you take out 'My Card' and insert the same type of memory card, it may have a different name.

8.2. Use Picture Porter as a Backup Device

Picture Porter can be used as a portable hard drive to back up important pictures, music, videos, documents, programs, and files from your computer. This section provides information on recommended backup schedules and techniques.

8.2.1. Recommended backup schedules

It is a good habit to back up your data as often as possible. Since it is easy to forget running regular backups, here are some recommendations that will help you establish a regular backup routine.

Business users / Heavy users:

If you use your computer daily for critical tasks where losing any data would cause a significant setback, it is best that you back up at the end of each workday.

Non-critical users / Personal users:

If you use your computer occasionally or do not change your computer contents often, it is sufficient to back up once a week or once a month depending on your level of computer activity.

Special Events:

You should always back up your computer right after special events where you significantly changed your computer contents.

For instance, after coming back from vacation and downloading your vacation pictures to your computer.

Or, after finalizing that important presentation that you have spent the past 72 hours working on non-stop.

And, at particular time markers such as the end of the quarter, the calendar year, and the academic year.

Notebook Users:

If you use a notebook computer, you should take special care to back up your data even more frequently than desktop users.

In addition to your regular backups, you should back up before events where you will be transporting your notebook computer.

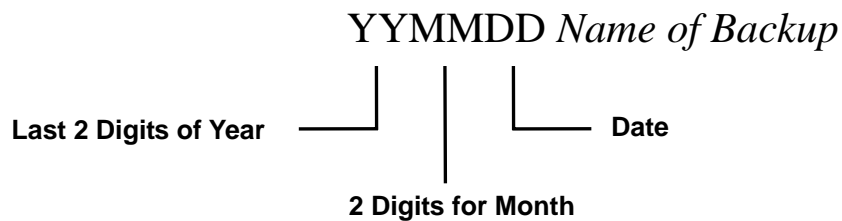
For example, you should back up before getting on the plane for business trips and before leaving the office for meetings across town.


8.2.2. Recommended Backup Techniques

Here are some useful backup techniques to help you get the most out of your Picture Porter as a backup device:

Include a date code in the name of the backup folder:

This will help you identify the dates of the backup you make on Picture Porter. Also, it gives you a convenient way to sort your backups by date on your computer. Your computer file management program can organize Picture Porter's contents by number and letter sequence.



Example:  050215 My Pictures Backup







This is a backup of My Pictures made on February 15, 2005.

Keep more than one version of the same backup task:

This will provide you extra security in the case that you need to find a file that you deleted or changed before the most recent backup. If you keep multiple versions of the same backup task, you have the option of going back two, three or however many versions you keep to find the data you need.

You can use this technique together with using date codes to optimally manage your backup tasks.

Combined Example:

Name ▲	Size	Type
 041231 (Year-end) My Critical Data		File Folder
 041231 My Pictures Backup		File Folder
 050131 (FRI) My Critical Data		File Folder
 050207 (FRI) My Critical Data		File Folder
 050214 (FRI) My Critical Data		File Folder
 050215 My Pictures Backup		File Folder

In the combined example here, you can see that this Picture Porter owner has backed up her 'My Critical Data' and 'My Pictures' at the end of 2004 on December 31.

You can also see that she regularly backs up her 'My Critical Data' once a week on Fridays keeping 3 versions. And, that she backed up her 'My Pictures' again on February 15, 2005.

Group your backups by date or by name:

If you prefer to have all your backups grouped by date, put the 6-digit YYMMDD date code in the front of the backup folder name.

If you prefer to view your backups grouped by name, put the date code at the end.

Name ▲	Size	Type
041231 (Year-end) My Critical Data		File Folder
041231 My Pictures Backup		File Folder
050131 (FRI) My Critical Data		File Folder
050207 (FRI) My Critical Data		File Folder
050214 (FRI) My Critical Data		File Folder
050215 My Pictures Backup		File Folder
My Critical Data 041231 (Year-end)		File Folder
My Critical Data 050131 (FRI)		File Folder
My Critical Data 050207 (FRI)		File Folder
My Critical Data 050214 (FRI)		File Folder
My Pictures Backup 041231		File Folder
My Pictures Backup 050215		File Folder

Use special characters to organize your backup folder listing:

In addition to using numbers and letters, you can also use punctuation marks to make selected folders appear at the top of the list.

**Alphabetical
Listing**

Name ▲
!Folder
#Folder
\$Folder
%Folder
&Folder
@Folder
^Folder
_Folder
`Folder
~Folder
+Folder
=Folder
111
222
333
Apple
Bear
Cat
Zebra

**Reverse
Alphabetical
Listing**

Name ▼
Zebra
Cat
Bear
Apple
333
222
111
=Folder
+Folder
~Folder
`Folder
_Folder
^Folder
@Folder
&Folder
%Folder
\$Folder
#Folder
!Folder

9. Frequently Asked Questions

How many high resolution pictures can I store on Picture Porter?

- This depends on the average size of the high resolution digital photos you take with your digital camera. Assuming each picture is 5 Mega Pixels (about 2.4MB), the number of pictures you can store on the different Picture Porter hard drive capacities is:
 - 20GB: ~ 8,300 pictures
 - 40GB: ~16,600 pictures

How many music files and video files can I store on Picture Porter?

- Assuming music files are encoded at 128 kbps and video files are encoded at 500 kbps, the hours of entertainment you can store on Picture Porter are:
 - 20GB: ~ 330 hours of music or 85 hours of video
 - 40GB: ~ 660 hours of music or 170 hours of video

Will I need any memory card adapter for Picture Porter to access the different types of memory cards supported?

- You can directly insert any of the following memory card types into Picture Porter without using an adapter:
CompactFlash I/II, MicroDrive, SmartMedia, MultiMedia Card, SD Card, Memory Stick, MS PRO, MS Duo, and MS PRO Duo.
- For miniSD and RS-MMC, you will need to use the adapter that came with your miniSD and RS-MMC purchase.
- For MS Duo and MS PRO Duo, using the adapter that came with the MS Duo and MS PRO Duo will make inserting these cards easier, but it is possible to insert them without the adapter.

How long will it take to copy photo, video, and music files from memory cards to Picture Porter?

- This depends on many different factors such as the type and brand of memory card you are using, and the number and size of folders and files you are copying. However, you may use the following information as a guideline:
 - 50 high resolution photos (assuming 5 Mega Pixel, 2.4MB each), or an equivalent of one full 128MB memory card: about 1-3 minutes
 - 10 music files (assuming 4 minutes per song and 128 kbps MP3 encoding): under 30 seconds
 - A two-hour movie (assuming 500 kbps WMV encoding): about 2-3 minutes

Can Picture Porter run on power from the USB port?

- Yes, Picture Porter is able to run from the power provided by a powered USB port.

Note: In some cases the power provided by the USB port may be insufficient or unstable. Instances where the power supply provided to Picture Porter is insufficient or unstable may cause Picture Porter to malfunction and corrupt your data.

To ensure that Picture Porter receives proper power supply, it is safest to verify the power supply from your USB hub or connect the AC adapter to Picture Porter when it is connected to your computer.

Can the Picture Porter battery be charged from the USB port?

- Yes, when Picture Porter is connected to a powered USB port and turned off, the Picture Porter battery can be charged. To verify that the battery is charging, the Power Indicator LED will be lit red.

My computer only has USB 1.1 ports available. Can Picture Porter still be connected?

- Yes, Picture Porter is backward compatible with USB 1.1.

What is the purpose of the Reset button on Picture Porter?

- In the case that Picture Porter performs an illegal operation and freezes, you can reset it with the Reset button. The data on Picture Porter will not be affected.

What happens when Picture runs out of hard drive space during a copy?

- Picture Porter will display an error message and abort the copy when space runs out. You can browse through the contents on Picture Porter and delete unnecessary folders/files to free up hard drive space for your new copy.

How are the folders and files listed on Picture Porter?

- The folders and files are sorted by internal memory locations. They may not be listed alphabetically or by date.

Can I format Picture Porter with file systems other than FAT or FAT-32 (i.e., NTFS / HFS / HFS + / EXT2)?

- No, data transfer from memory cards to hard drive is compatible only with the FAT and FAT-32 file systems. On the Mac OS, this is called 'DOS format'.

How long is the battery life of Picture Porter on a full charge?

- A full battery charge is capable of 3.5 hours of continuous video playback and 7.5 hours of continuous audio playback.

Is the battery replaceable?

- Yes, you can easily change the rechargeable Lithium-Ion battery by sliding off the battery panel on the back of Picture Porter.

How can I help maintain the data on Picture Porter?

- There are two ways you can help maintain your Picture Porter contents.
 - First, make sure to keep Picture Porter away from hot and dusty environments. Be careful not to drop or bump Picture Porter. Do not touch or move Picture Porter while it is connected to your computer and transferring data.
 - Second, periodically run Error-checking, Scan Disk, Defragmentation, and other hard drive maintenance programs on Picture Porter. Your computer should have adequate tools included with its operating system software. Check the instruction manual of your computer for details.

10. Troubleshooting and Technical Support

My computer does not recognize Picture Porter.

- Make sure that the Main USB connector is properly connected to your computer and the Mini USB connector is properly connected to Picture Porter.
- If you are running Windows 2000 (SP 2 or older), or Windows 98/SE, make sure that you have installed the Windows driver. Refer to *Section 7. Driver Installation* for details.
- Plug in the AC adapter to Picture Porter. Picture Porter might not be getting enough power from your USB port.
- Make sure your computer USB Port is working properly.
- If the above does not help, reset Picture Porter and try again.
- If the above does not help, restart your computer and try again.

My Picture Porter froze and would not respond.

- Reset Picture Porter with the Reset button, located in the pinhole at the upper-right corner on the back of Picture Porter, with a paper clip or similar pointy object.
- Picture Porter may freeze if it is not properly disabled before disconnected from your computer. Make sure that you always disable the device first. Refer to *Section 3.4.2 Disconnecting Picture Porter from your computer* for details.

The data transfer between my computer and Picture Porter is slow.

- Picture Porter might be connected to a USB 1.1 port instead of a USB 2.0 port. Picture Porter can work on both USB 1.1 and USB 2.0 ports. However, a USB 2.0 port is required to achieve high speed transfer rates up to 480 Mbps. If your computer does not have USB 2.0 ports, you can consider adding a USB 2.0 card to your computer. Visit your local computer repair store for more information about this.
- Plug in the AC adapter to Picture Porter to ensure a stable and sufficient power supply. Insufficient power from the USB port might have caused data transfer to be slow.

When disconnecting Picture Porter from my computer, I get a message saying that the device was disconnected in an unsafe way.

- You did not properly disable Picture Porter before disconnecting it from your computer. This might cause data loss or cause your Picture Porter to freeze. Refer to *Section 3.4.2 Disconnecting Picture Porter from your computer* for instructions on how to properly disable Picture Porter from your computer.

Some of my JPEG picture files are not showing up on Picture Porter.

- Make sure that the JPEG file extension is '**.jpg**'. Picture Porter uses the file extension to identify the file type and can not recognize JPEG files with a different extension such as '.jpeg.' Modify the file extension to '.jpg' and try again.
- Make sure that the JPEG file is in Baseline JPEG format. Picture Porter does not support other formats such as Progressive or Arithmetical JPEG formats.

My Picture Porter is not playing music.

- Make sure the earphones connector is pushed in all the way.
- Make sure the volume is adjusted properly.
- Press the **Enter** button. The song that is playing may be paused.

I cannot play a video that is in a format supported by Picture Porter.

- Since there are so many different video standards and settings, even within the same format, it is possible to have incompatibilities. To resolve this, use the Ulead Video ToolBox 2 software and convert your video file to one of the default files in Video ToolBox 2.

I see no images or only distorted images on my TV after connecting Picture Porter.

- Make sure your TV is set to proper video mode that will display images from the input source Picture Porter is using. Check the documentation that came with your TV for more information about the different video mode settings.
- Make sure all the cables are connected correctly. Refer to *Section 5.1.1 Connect Picture Porter to TV* for more details.
- Go to Options and access the Display Settings screen. Change the TV Standard setting to NTSC or PAL, depending on the type of TV you are using. Try both settings.

When connecting Picture Porter to my computer, my computer gives me a warning about a power surge.

- Your computer USB port is unable to provide stable power for Picture Porter. Attach the AC adapter to make sure that Picture Porter gets a sufficient and stable power supply.

Technical Support Contact

If you are still having troubles using your Picture Porter, please contact Digital Foci, Inc. technical support at support@digitalfoci.com.

* RAW formats supported for following cameras:
Canon: 1Ds Mark-II, 1Ds, 1D-II, 1D, 20D, 10D, 300D (Digital Rebel, Kiss Digital), D30, Power Shot G2
Fujifilm: S2 Pro
Kodak: DSC Pro SLR/c, DSC Pro SLR/n, DSC Pro 14n
Nikon: D100, D70, D1X, D1
Olympus: E-1

Canon: 1Ds Mark-II, 1Ds, 1D-II, 1D, 20D, 10D, 300D (Digital Rebel, Kiss Digital), D30, Power Shot G2
Fujifilm: S2 Pro
Kodak: DSC Pro SLR/c, DSC Pro SLR/n, DSC Pro 14n
Nikon: D100, D70, D1X, D1
Olympus: E-1

Fujifilm: S2 Pro

Kodak: DSC Pro SLR/c, DSC Pro SLR/n, DSC Pro 14n

Nikon: D100, D70, D1X, D1

Olympus: E-1

FCC Rules and Regulations – Part 15

This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operations.

The device has been tested and verified to be within the energy emission limits for Class B digital devices as defined in Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential situation. This device generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Installed correctly, it probably will not interfere with your radio or TV. However, we do not guarantee the absence of interference.

If you modify the device in any way, without approval from Digital Foci, Inc., your device may violate FCC regulations. Violation of FCC regulations may cause the FCC to void your rights to use the modified device.

If you suspect this device is causing interference, power off and on the device while your radio or TV is showing interference. If the interference disappears when you turn the device off and reappears when you turn the device on, something in the device is causing interference.

To reduce interference, try these suggestions:

- Change the direction of the radio or TV antenna.
- Increase the separation between the device and radio or TV.
- Connect the device into an outlet on a circuit different from that to which the radio or TV is connected.

If these suggestions don't help, consult your computer dealer or an experienced radio/TV technician for more suggestions.



3111 Via Mondo, Rancho Dominguez, California, 90221 USA

Copyright 2005 Digital Foci, Inc. All rights reserved.